

Superior
wide zoom lens

8.24
effective
megapixels

For the love of
photography

- Wide-angle 28-85mm optical 3x zoom
- Compact, light and 29mm slim for superior mobility
- Aperture Priority and Manual Exposure modes
- Higher shooting speed and expanded macro capabilities
- Enhanced expandability

It has arrived. A compact digital camera with the power to capture the essence of beauty. The power to bring your vision alive. The Caplio GX8 with 8.24 effective megapixels. Stunning image quality. Vivid colors and deep gradation. For the love of photography.



Awash in early morning sunlight, each tiny cherry blossom petal appears distinct while also forming a lush forest of pink. Shot at wide-angle 28mm, the photograph makes you feel like you're actually there.



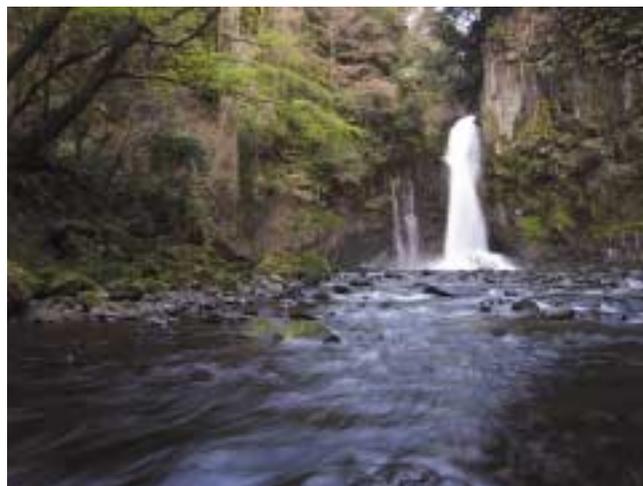
F8.1 1/100 ISO: 100 (28mm)

8.24 effective megapixels for vivid image quality.

The Caplio GX8's advanced technology for stunningly vivid photography fits inside a remarkably compact body. The CCD, the camera's core imaging unit, is 8.24 effective megapixels. And Ricoh's superior Smooth Imaging Engine image processing system achieves high-speed processing of high-resolution images while suppressing image noise. Even in large-sized prints, images are vivid and beautifully clean and sharp.

Creative control with Aperture Priority and Manual Exposure.

Bring your creative vision alive in landscapes and portraits with Aperture Priority mode. With precise control over depth of field, you can put beautifully focused attention on a foreground subject, or maintain sharp even focus throughout the scene. Also, the Caplio GX8 gives you control over the shutter speed, which ranges in Manual Exposure mode from 1/2000 to 30 seconds.



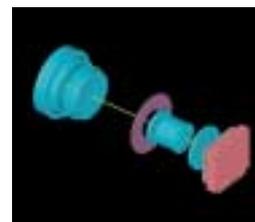
F8.1 1/4 ISO: 64 (28mm)

1/3-EV-step exposure correction for subtle lighting conditions.

Approach scenes with extreme difference in brightness between your subject and the background like a pro. The Caplio GX8 lets you avoid over- or underexposure by making EV adjustments in 1/3 steps within a range of ± 2.0 EV.

Powerful wide-angle 28-85mm 3x optical zoom.

Wide-angle expression is the forte of Ricoh cameras. The Caplio GX8 takes it to a new level with an optical 3x zoom beginning at wide-angle 28mm. The zoom lens, consisting of 9 elements in 7 groups, ensures adequate peripheral light in wide-angle edges. Four aspherical lenses and four lenses with high refractive index and low dispersion are arranged to ensure well-balanced correction of aberration in all zoom ranges. Photographers have never encountered such advanced optical performance in a digital camera so compact.



5p.m. last light for capturing this peacock's incredible fan of green, blue and pink. Each time the photographer moves close, the peacock flashes its fan for an instant and runs away. Fortunately, his camera has high-speed response, and soon, the shot is his.



F3.4 1/104 ISO: 400 (28mm)

To the naked eye, the needles of a cactus look like soft hair. Through the eye of the Caplio GX8's macro function, however, you see a different world.



F2.5 1/410 ISO: 100 (28mm)
 ※ Macro mode

High-speed response: approx. 0.10-second shutter release time lag.

The Caplio GX8 fires fast. A Hybrid AF system keeps shutter release time lag down to approximately 0.10 seconds (without focus lock engaged). The camera also powers up quickly: in about 1.3 seconds. After a shot, you're ready for your next one in as little as 1.7 seconds*. Keep shooting in full 8.24-effective-megapixel Fine mode until you've filled the camera's memory card.

※ With SD Memory Card capable of 10MB/sec. or higher transfer speed.

The Caplio's 1cm macro has a reputation for inspiring creativity.

Ricoh technology puts the art of macro photography at your fingertips. With the lens set at wide angle and autofocus engaged, you can shoot from as close as 1cm from your subject (10cm away in telemacro mode). By measuring and optimizing performance for subject size and contrast, the Caplio GX8 provides focus precision. See a world beyond the naked eye and capture it.

AF Target Selection expands macro-shooting possibilities.

With AF Target Selection, you can fix the camera on a tripod and shift the focus point to areas outside the center of the frame.



AF Target Selection features four direction buttons ▲▼◀▶ that enable you to shift the focus point without moving the camera.

※ Images are simulated

Internal flash with macro shooting.

For macro shooting with flash, you can shoot as close as 15cm from your subject without worrying about white out. Just zoom out to telemacro mode and shoot with the internal flash on.

Six scene modes make getting the right shot easy.

Six scene modes Portrait, Sports, Landscape, Night Scene, Text and High Sensitivity allow you to create the impression you want at a turn of a dial.

Three continuous shooting modes: regular, S-continuous, M-continuous.

Multiply your chances of getting the perfect shot with regular continuous mode. The Caplio GX8 will fire continuously for as long as you press down the shutter button. Two more continuous modes enhance your control in other ways. In S-continuous mode, a press of the shutter button fires 16 shots in approximately 2 seconds and stores them in a single file. M-continuous mode memorizes the last 16 shots in an approximately 2-second file. Good for capturing continuous motion sequences, these modes enable you to analyze your golf swing, etc. Each shot can be displayed large on the monitor and you can playback the entire sequence as animation.

The Caplio GX8's expandability is an inspiration for the imagination.

More powerful than a compact digital camera, more compact and easier to use than an SLR, the Caplio GX8 is a bridge to the future of photography. Powerful extra features designed just for the Caplio GX8 expand your capabilities to the far reaches of your creativity.

- Hood, adapter and wide conversion lens are available for super-wide 22mm photography.
- Enjoy the benefits of bounce flash by connecting an external flash. Turn off the internal flash to save power and let the external flash fire continuously and at short intervals as needed since it is powered separately from the camera.
- Combine an astronomical telescope or microscope with your camera and let your creativity visit new worlds.
- An optional cable switch is helpful for preventing camera-shake during macro shooting or long exposures.

The serenity of this lakeside scene at sunset makes the bustle of daily life feel far away. It was captured simply from the edge of the jetty using the Caplio GX8's wide conversion lens.



F4.7 1/310 ISO: 64 (22mm)**

※ Using wide conversion lens DW-4

Caplio GX8 expandability/system configurations

Existing options General purpose



*1 Hood and adapter required for connecting the devices shown.

*2 Hood and adapter required for connecting the devices shown. Devices must conform to the JIS 37mm-diameter filter standard. For third-party devices, please contact the respective manufacturer to confirm compatibility.

Backlight makes these ethereal black dots visible on the leaves. The camera was set to Spot mode, which keeps the background dark so nature's beauty shines.



F2.5 1/189 ISO: 100 spot exposure (28mm)^{*}
※ Macro mode

A canopy of trees shelters the valley, allowing only a trickle of sunlight inside. To capture the essence of darkness in the middle of the day, the photographer used Center exposure and a small aperture.



F2.5 1/60 ISO: 64 (28mm)

Three metering methods for the optimum exposure.

Choose the best metering method depending on the shooting conditions, the type of subject, or the desired creative expression. Multi mode divides the entire shooting range into 256 parts to measure light intensity. Center mode measures the entire range with emphasis on the center of the frame. And Spot mode measures light intensity only at the center.

Manual focus ensures focus control.

Under certain conditions, such as when shooting through glass or when your entire subject is flat and white, it may be difficult to focus using AF. Manual focus gets the job done with precision.

Histogram display provides up-to-the-moment exposure information.

Conditions constantly change. So must your exposure. The Caplio GX8 is equipped with a histogram display, which gives you a graphical representation of the exposure at that moment. Neither surrounding light nor LCD settings influence the reading.



※ Image is simulated

Reproduce color accurately with white balance settings.

To ensure that you reproduce true colors under various light sources, the Caplio GX8 offers six white balance settings Auto, Daylight, Overcast, Tungsten Light, Fluorescent Light and One Push, with which you can set the white balance manually.

White Balance Bracket and Auto Bracket.

With white balance set to the standard value, White Balance Bracket automatically shoots three images, one with a red tone, one at standard white, and one with a blue tone. By engaging Auto Bracket, you get three shots at three different exposure levels: -0.5EV, ± 0 and +0.5EV. This helps to ensure that you get the right image even under tricky light conditions.

Non-compression mode for the highest-quality images.

For most imaging needs, including producing the most popular size prints, the Caplio GX8's N (Normal) and F (Fine) modes provide abundant resolution. But for art projects or huge enlargements, use NC (Non-compression) mode and get maximum quality with uncompressed 3264 x 2448 resolution.

※ In Fine/Non-compression mode, resolution is 3264 x 2448.

Video recording with sound, and more.

With your Caplio GX8, you can shoot high-quality video (AVI, 30 fps) until your memory card is full*. The digital zoom function can be used in video recording. You can even record sound with your still images, or simply use the camera as a handy voice recorder.

* With SD Memory Card capable of 10MB/sec. or higher transfer speed.

Three ways to power your Caplio GX8.



Running out of battery power has always been a problem with digital cameras. Ricoh provides a solution with three practical ways to power your camera. The Caplio GX8 is available with a high-capacity rechargeable battery, but also runs on AA batteries, which covers you in an emergency.

An AC adapter is your third option. And to conserve power, the synchro monitor mode automatically switches off the display when it is not in use.

Long-life battery gets you around 400 shots*.

Fully charged, the optional high-capacity rechargeable battery gives you the power to shoot approximately 400 pictures*. Abundant power for the typical holiday.

* Battery performance measured using CIPA-standard parameters. Actual performance may vary according to usage conditions.

Up-down dial and ADJ button for easy manual operation.

With the Caplio GX8's up-down dial, you change menu settings, aperture and shutter speed quickly with a few flicks of your thumb. You can also customize your camera with the ADJ button. Arrange the frequently used settings of exposure, white balance, and ISO sensitivity, plus an additional setting of your choice, in a menu for immediate access.

SD Memory Card/Internal 26MB memory.

The Caplio GX8 is compatible with the SD Memory Card, a compact, high-speed, highly reliable media. But even without a card, you can record images on 26MB of built-in memory.

Record the date and time with your picture.

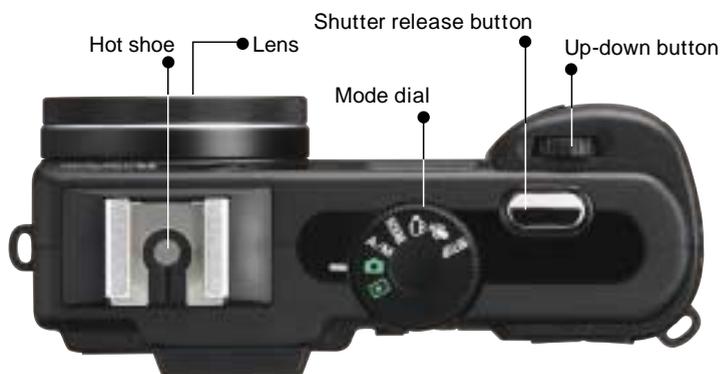
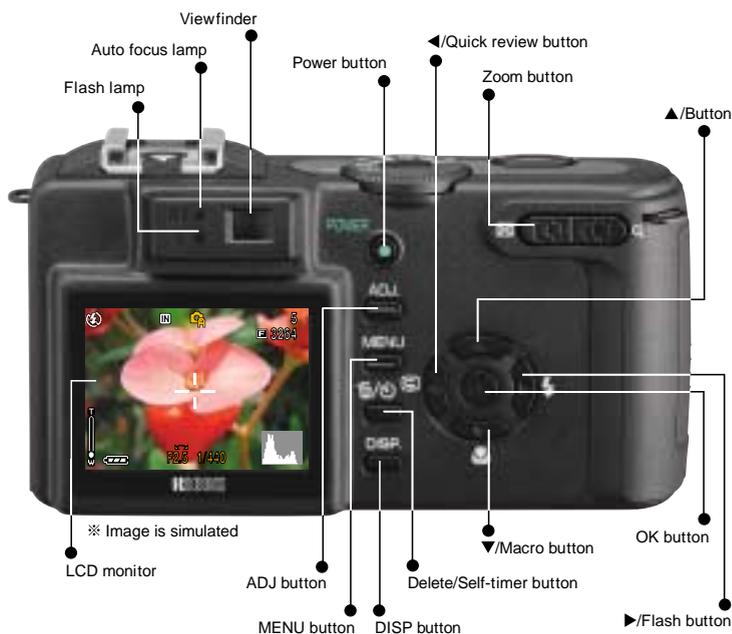
You can record the date (year/month/day) or date and time (year/month/day, hour/minute) in the right bottom corner of any still image.

1.8-inch high-detail LCD monitor (approx. 130,000 pixels).

The amount of detail visible on the LCD monitor is stunning. Even when an image is enlarged, this high-precision LCD monitor lets you accurately preview focus a big advantage especially when you're using manual focus.

A high-class camera that conforms to your hand.

We designed the Caplio GX8 to offer a comfortable grip with all controls at your fingertips for intuitive use. An elegant aluminum alloy body provides a solid feel without compromising weight.



Caplio Solution

Compatible with USB2.0 High Speed realizing high speed transfer. Easy connection for both Windows® and Macintosh.

The Caplio GX8 is USB2.0 High Speed compatible. Just connect it to a computer using the included USB cable and you can download large-data images quickly. Ricoh provides software that makes downloading images even easier. But even without our software, you can transfer images with mass storage mode.



For organizing images, use the convenient Camera Memo.

To keep all your images organized, Camera Memo lets you input a word into the title of a series of photos before you start shooting. When you're on vacation, for instance, input the name of each city you visit, and then shoot away. When you get home, sorting your photos is a snap.

USB direct printing expands your enjoyment of digital photos.

The Caplio GX8 attaches directly to any PictBridge-compatible printer with a USB cable. So you don't need a computer to make prints. Enjoy beautiful prints at all the most popular sizes without a hassle.





- Accessories Included**
- ① USB Cable
 - ② AV Cable
 - ③ CD-ROM
 - ④ AA Alkaline Batteries x 2
 - ⑤ Hand Strap
- Instruction Manuals (Camera, Introduction)*
 - Warranty Card

* Software manual supplied on CD-ROM

Caplio GX8 Major Specifications

Item	Description
CCD	Effective 8.24 million pixels (8.50 million pixels), 1/1.8-inch primary-color CCD
Lens	Focal length f: 5.8-17.4mm (equivalent to 28-85mm for 35mm film cameras) Step-zoom intervals: 4 steps (28mm, 35mm, 50mm, 85mm) Aperture F: 2.5 (W)-4.3 (T) Lens structure 9 glass elements in 7 groups
Optical Zoom	3.0x (up to 12.0x in combination with 4.0x digital zoom)
Object Distance	Approx. 0.3m-∞ (Macro: Approx. 0.01m-∞, Telemacro: Approx. 0.10m-∞)
Shutter	Still 30, 15, 8, 4, 2, 1-1/2000 sec. (electronic/mechanical shutter), During long-term exposure, has noise Elimination function. Motion 1/30-1/2000 sec. (electronic shutter)
Pixels	Still 3264 x 2448, 2592 x 1944, 2048 x 1536, 1280 x 960, 640 x 480 Text 3264 x 2448, 2048 x 1536 Motion 320 x 240, 160 x 120
Picture Mode*1	Fine, Normal, Non-compression
ISO Sensitivity	Auto, ISO64, ISO100, ISO200, ISO400, ISO800, ISO1600
Flash*2	Auto, Red-eye Reduction, On, Slow Synchro, Off Distance: Approx. 0.2-5.0m (W), 0.15-2.9m (T)
Focus	Autofocus, Manual Focus, Fixed Focus (Snap), ∞ (includes AF auxiliary light)*3
Exposure Adjustment	TTL-CCD photometric system: Multi (256 segments), Center Weight, Spot
Exposure Compensation	Manual compensation (+2.0 -0.2 EV in 1/3 EV steps), Auto-bracket (-0.5 EV, ±0, +0.5 EV)
White Balance	Auto/Fixed (Daylight, Overcast, Tungsten Light, Fluorescent Light, One Push, White balance-bracket)
Recording Media	SD Memory Card™ (32/64/128/256/512MB/1GB), Multi Media Card™, Built-in Memory 26MB
Storage Capacity (No. of Pictures)*4	Still 1 (3264 x 2448 Non-compression), 8 (3264 x 2448 Fine), 14 (3264 x 2448 Normal), 23 (2592 x 1944 Normal), 36 (2048 x 1536 Normal), 64 (1280 x 960 Normal), 280 (640 x 480 Normal)
Storage Capacity (Time) (Internal 26MB Memory)	Motion 39 seconds (320 x 240), 2 minutes 27 seconds (160 x 120)*5 Sound 57 minutes 26 seconds*6
Storage Data Capacity (File Sizes)	Still Approx. 15.2MB (3264 x 2448 Non-compression), Approx. 2.83MB (3264 x 2448 Fine), Approx. 1.63MB (3264 x 2448 Normal), Approx. 1.04MB (2592 x 1944 Normal), Approx. 672KB (2048 x 1536 Normal), Approx. 356KB (1280 x 960 Normal), Approx. 83KB (640 x 480 Normal)
Recording Mode	Still (Continuous, S-Continuous, M-Continuous), Aperture-Priority/Manual exposure, (Portrait, Sports, Landscape, Night Scene, Text, High-Sensitivity), Motion, Sound
Recording Format	Still JPEG (Exif ver. 2.21) DCF*7 compliant, TIFF (Non-compression YUV) Text TIFF (MMR system ITU-T.6) Motion AVI (Open DML Motion JPEG format compliant) Sound WAV (Exif ver. 2.21 μ law)
View Finder*8	Real-image optical zoom finder
LCD Monitor	1.8 inch low temperature polysilicon TFT LCD (approx. 130,000 pixels)
Self Timer	Delay: 10sec., 2sec.
Interval Timer	Shooting interval: 5 sec. - 3 hours (5 sec. steps)*9
PC Interface	USB 2.0 (Hi-Speed USB), (choice of Ricoh original or mass storage driver*10)
AV Interface	Audio Out, Video Out
Video Signal Method	NTSC/PAL
Dimensions (WxDxH)	113.6 x 29.0 x 58.0mm (excluding projections)
Weight	Body: approx. 205g With AA batteries (included), SD Memory Card, and hand strap (included): approx. 261g
Power Source	rechargeable battery (DB-43) x 1, AA battery (alkaline/NiMH rechargeable battery) x 2, AC adaptor (AC-4a)
Shooting Capacity*11	Based on CIPA standard Using DB-43: Approx. 400 pictures (Normal) Using AA alkaline batteries: Approx. 80 pictures (Normal)*12
Operating Temperature	0-40°C

- *1: In Fine/Non-compression mode, resolution is 3264 x 2448.
- *2: Distance is valid when ISO auto or ISO400 are set.
- *3: In dark places, the flash may pre-flash before the camera shoots.
- *4: Average number of still images.
- *5: Max. recording time of 88 min. 31 sec. with 1GB SD Memory Card.
- *6: Max. recording time of 2,063 min. 25 sec. with 1GB SD Memory Card.
- *7: DCF is the abbreviation of JEITA Standard "Design rule for Camera Files system." (It does not guarantee perfect inter-camera compatibility.)
- *8: When shooting at wide-angles, the vignette can be seen at the bottom left-hand corner of the view finder — this has no effect on captured images.
- *9: With flash OFF.
- *10: Mass storage driver is compatible with Windows Me/2000/XP and Mac OS 9/OS X 10.2-10.3.8. It is not compatible with Windows 98/98SE or Mac OS 8.6. Images can only be downloaded from the camera.
- *11: Battery performance measured using CIPA standard parameters. Actual performance may vary according to usage conditions.
- *12: With AA alkaline batteries (Included).
- *13: The hood and HA-1 adapter are necessary to use the wide conversion lens. When shooting with the wide conversion lens and using the internal flash, vignetting may occur at the bottom left corner of the monitor.
- *14: Ricoh original.
- *15: Compatible with Windows 98SE/2000/Me. Not compatible with Windows 98.

Caplio GX8 Optional Accessories



Caplio GX8 Software

	Windows XP	Windows 98/98SE/2000/Me	Mac OS X 10.1.2-10.3	Mac OS 8.6-9.2.2
1. RICOH Gate La	○	○	×	○
2. Image Mixer 1.6	○	○	×	○
3. USB Driver*14	○	○	○	○
4. WIA Driver	○	×	×	×
5. Mounter	×	×	○	○
6. Acrobat Reader	○	○	×	×
7. Direct X	○	○	×	×
8. DeskTopBrinder Lite	○	○*15	×	×

Caplio GX8 Software Operating Environment

	Windows	Macintosh
Operating Software	Windows 98/98 Second Edition Windows 2000 Professional Windows Me Windows XP Home Edition/XP Professional	Mac OS 8.6-9.2.2 Mac OS X 10.1.2-10.3
CPU	Pentium III 500MB or more	Power PC or faster
Memory Space	Windows 98/98SE: 128MB or more Windows 2000 Professional: 128MB or more Windows Me: 128MB or more Windows XP Home Edition/XP Professional: 256MB or more	Mac OS 8.6-9.2.2: 96MB or more (128MB or more recommended) Mac OS X 10.1.2-10.3: 128MB or more (256 MB or more recommended)
Hard Disk Space	Windows 98/98SE: 500MB or more (during installation) Windows 2000 Professional: 500MB or more (during installation) Windows Me: 500MB or more (during installation) Windows XP Home Edition/XP Professional: 500MB or more (during installation)	Mac OS 8.6-9.2.2: 10MB or more (during installation) Mac OS X 10.1.2-10.3: 100 MB or more (during installation and operation)
Display	Resolution: 640 x 480 dots or more, 256 colors or more (800 x 600 dots or more, 65,000 colors or more recommended)	Resolution: 640 x 480 dots or more, 256 colors or more (800 x 600 dots or more, 32,000 colors or more recommended)
Other	USB port, keyboard, CD-ROM drive, mouse required	USB port, keyboard, CD-ROM drive, mouse required

- * Only USB connection is available when connecting Caplio GX8 to a PC. Serial connection is unavailable.
- * Valid for systems with preinstalled OS and USB port.
- * Supplied software can be used for Caplio R, GX, R1, R1S, RZ1, R1V, R2, G4 series, G3 series, ProG3, 300G, 400Gwide, and RR30. Caplio G3 model S and ProG3 are not compatible with Macintosh.

SD Memory Card Storage Capacity (Number of Images and Time)

Mode	Recording pixels	Picture mode	Built-in memory	32MB	64MB	128MB	256MB	512MB	1GB	
Still	3264 x 2448	NC	1 images	1 images	3 images	7 images	15 images	32 images	61 images	
		Fine	8 images	9 images	19 images	39 images	78 images	158 images	305 images	
		Normal	14 images	16 images	33 images	68 images	136 images	275 images	530 images	
	2592 x 1944	Normal	23 images	25 images	53 images	107 images	213 images	430 images	828 images	
		2048 x 1536	Normal	36 images	41 images	84 images	170 images	339 images	683 images	1314 images
		1280 x 960	Normal	64 images	72 images	148 images	301 images	600 images	1209 images	2324 images
640 x 480	Normal	280 images	315 images	645 images	1304 images	2599 images	5237 images	10072 images		
	Text	3264 x 2448	—	52 images	59 images	121 images	244 images	487 images	982 images	
	2048 x 1536	—	88 images	99 images	203 images	412 images	821 images	1654 images	3181 images	
Motion	320 x 240	—	0'39"	0'44"	1'31"	3'04"	6'07"	12'19"	23'42"	
	160 x 120	—	2'27"	2'46"	5'40"	11'28"	22'50"	46'01"	88'31"	
	Sound	—	—	57'26"	64'36"	132'11"	267'15"	532'36"	1073'00"	

- * Number of recordable pictures and recordable time may vary depending on the manufacturer and shooting conditions.
- * Average number of images and time.

For more information, visit:
http://www.ricoh.co.jp/r_dc



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