

Converting Colors

Hex(0089C6)

Have a look what the booklet for
Hex(0089C6) contains.

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Color

Hex(0089C6)

Conversions

Conversions Part 1

Format	Color
Hex	0089C6
RGB	0, 137, 198
RGB Percent	0%, 54%, 78%
CMY	1.0000, 0.4627, 0.2235
CMYK	1.00, 0.31, 0.00, 0.22
HSL	198°, 100%, 39%
HSV	198°, 100%, 78%
XYZ	19.1387, 21.9685, 56.6577
YIQ	102.9910, -101.2330, -10.0730

Conversions

Conversions Part 2

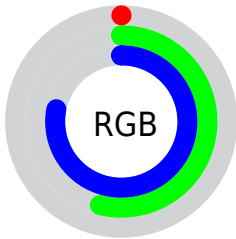
Format	Color
RYB	0, 81, 198
Decimal	35270
CIELab	53.99, -8.63, -40.19
CIELCh	54, 41.104, 257.875
Yxy	21.9685, 0.1958, 0.2247
Android (android.graphics.Color)	4278225350 (0xFF0089C6)
YUV	102.9910, 46.8394, -90.3231
Hunter-Lab	46.8706, -9.1365, -38.8610

Details

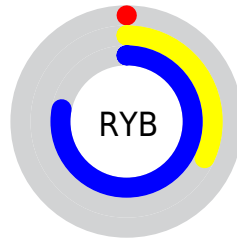
The Hex color **0089C6** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **C63D00**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **61BEFF**, and **005790** is the 20% darker color. If you saturate the color by 10%, you get **0089C6**, and if you desaturate by 10%, it is **148FC6**.

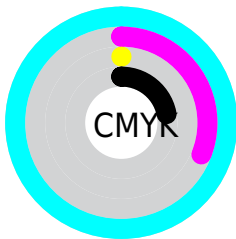
Distribution



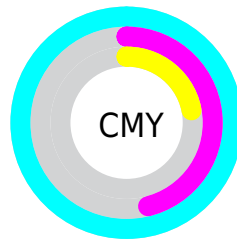
- Red (0%)
- Green (54%)
- Blue (78%)



- Red (0%)
- Yellow (32%)
- Blue (78%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (46%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0089C6 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0089C6 by changing the saturation by 10% instead.

 0089C6

 0089C6

FFFFFF

 0070AB

 61BEFF

 005790

 81DAFF

 004076

 A0F6FF

 002B5D

 BEFFFF

 001745

 DDFFFF

 00042E

 FBFFFF

 000118

 000000

 0089C6

 148FC6

 2895C6

 3B9BC6

 4FA1C6

 63A8C6

 77AEC6

 8BB4C6

 9EBAC6

 B2C0C6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0090B5



0089C6



6C7DC5

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0089C6



C4646D



598E50

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0089C6



C63D00

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81863B



0089C6



BA6D4E

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0089C6



BC6591



A27A3A



159271

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0089C6



9074B9



A27A3A



678C47

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0089C6



B3E7FF



00C63B



527180



000000



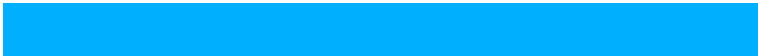
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0089C6



00B0FF



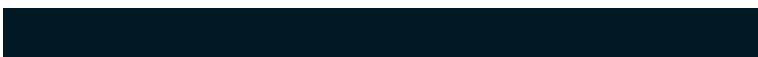
0028C6



5A6063



0071A3



001924

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C60089



FF00B0



C69E00



635A60



A30071



240019

Previews

White Background



This preview shows how the Hex color 0089C6 looks on a white background.

Color Contrast Check

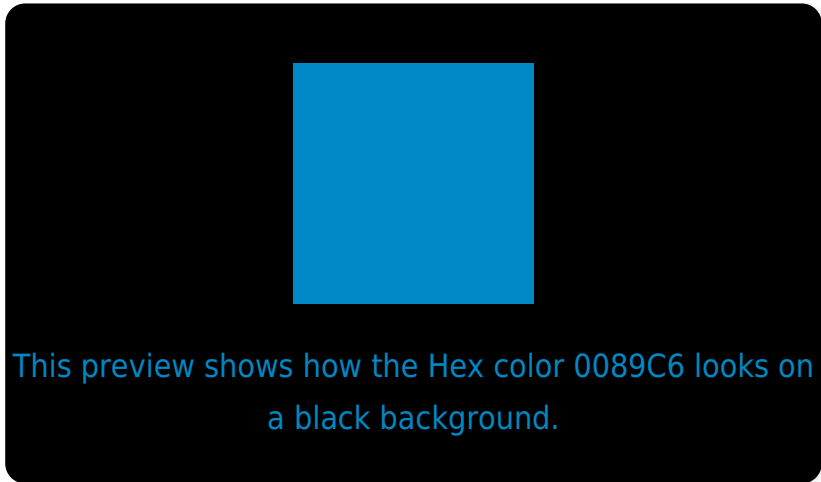
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

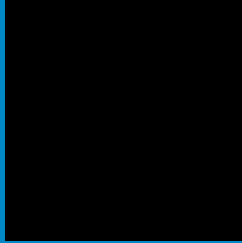
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0089C6 Background



This preview shows how black text looks on a background with the Hex color 0089C6.



This preview shows how white text looks on a background with the Hex color 0089C6.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
008F99

Trichromacy



Original Color
0089C6

Protanomaly
4582C0

Deuteranomaly
3A83C7

Tritanomaly
008DA9

Monochromacy



Original Color
0089C6

Achromatopsia
676767

Achromatomaly
42738A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0089C6 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0089C6 looks like.

```
.text, #text, p{  
    color:#0089C6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0089C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0089C6
}
```

Border

The CSS property to change the border of an element to Hex 0089C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0089C6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0089C6 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0089C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0089C6; -webkit-box-shadow:4px 4px  
4px 4px #0089C6; box-shadow:4px 4px 4px  
4px #0089C6 }
```

Background

The CSS property to change the background color of an element to Hex 0089C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0089C6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0089C6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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