

Converting Colors

Hex(0089B0)

Have a look what the booklet for
Hex(0089B0) contains.

Hex(0089B0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0089B0)

Conversions

Conversions Part 1

Format	Color
Hex	0089B0
RGB	0, 137, 176
RGB Percent	0%, 54%, 69%
CMY	1.0000, 0.4627, 0.3098
CMYK	1.00, 0.22, 0.00, 0.31
HSL	193°, 100%, 35%
HSV	193°, 100%, 69%
XYZ	16.7821, 21.0259, 44.2482
YIQ	100.4830, -94.1710, -16.9150

Conversions

Conversions Part 2

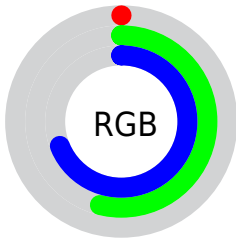
Format	Color
RYB	0, 77, 176
Decimal	35248
CIELab	52.98, -16.81, -29.21
CIELCh	53, 33.707, 240.077
Yxy	21.0259, 0.2045, 0.2562
Android (android.graphics.Color)	4278225328 (0xFF0089B0)
YUV	100.4830, 37.2299, -88.1236
Hunter-Lab	45.8540, -14.9152, -25.1158

Details

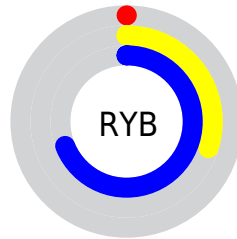
The Hex color **0089B0** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B02700**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5CBEE8**, and **00577B** is the 20% darker color. If you saturate the color by 10%, you get **0089B0**, and if you desaturate by 10%, it is **128DB0**.

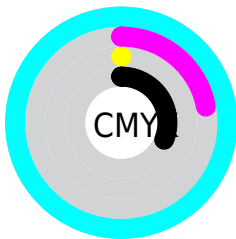
Distribution



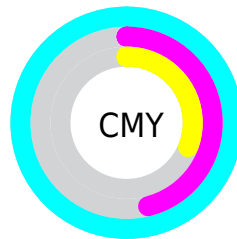
- Red (0%)
- Green (54%)
- Blue (69%)



- Red (0%)
- Yellow (30%)
- Blue (69%)



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



- Cyan (100%)
- Magenta (46%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0089B0 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 0089B0 by changing the saturation by 10% instead.

 0089B0

 0089B0

FFFFFF

 007095

 5CBEE8

 00577B

 7BDAFF

 004062

 99F7FF

 002A4A

 B7FFFF

 001533

 D5FFFF

 00021E

 F4FFFF

 000000

 0089B0

 128DB0

 2391B0

 3595B0

 4699B0

 589CB0

 6AA0B0

 7BA4B0

 8DA8B0

 9EACB0

Harmonies

Analogous

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



008D9B



0089B0



5281B8

Triad

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



0089B0



B46780



73854B

Complementary

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



0089B0



B02700

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.



917D44



0089B0



B56A63

Square

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



0089B0



A36D9C



A8734D



508B61

Rectangle

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



0089B0



737BB5



A8734D



7D8347

Sweetspot

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



0089B0



A1D6E6



00B026



496A73



F2F2F2



737373

Same Dimension

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



0089B0



00B3E6



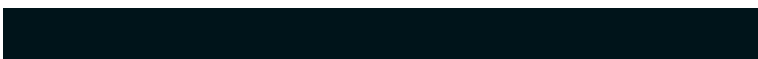
0032B0



505759



007799



00141A

Inverse Universe

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



B00089



E600B3



B07E00



595057



990077



1A0014

Previews

White Background



This preview shows how the Hex color 0089B0 looks on a white background.

Color Contrast Check

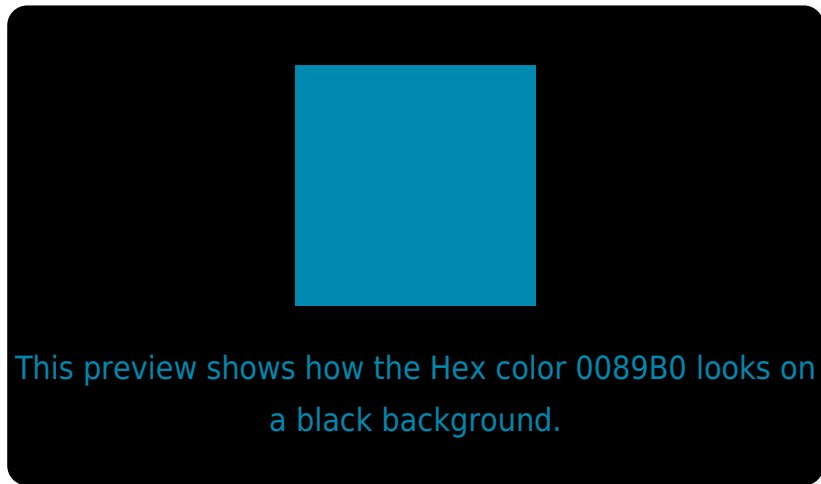
Large Text (above 18pt) WCAG AA ✓ Pass

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

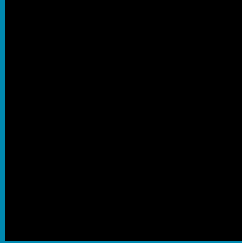
Any Text WCAG AA ✓ Pass

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 0089B0 Background



This preview shows how black text looks on a background with the Hex color 0089B0.

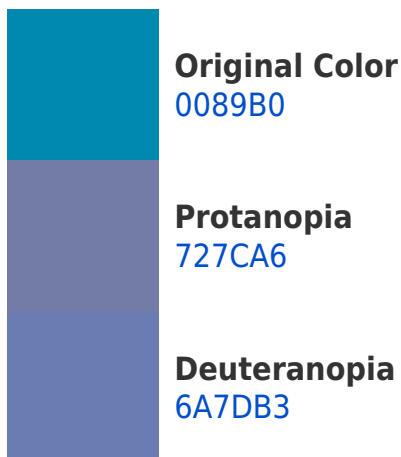


This preview shows how white text looks on a background with the Hex color 0089B0.

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](#).

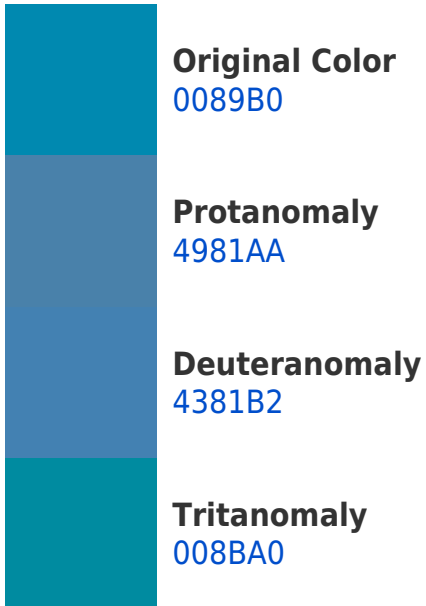
Dichromacy



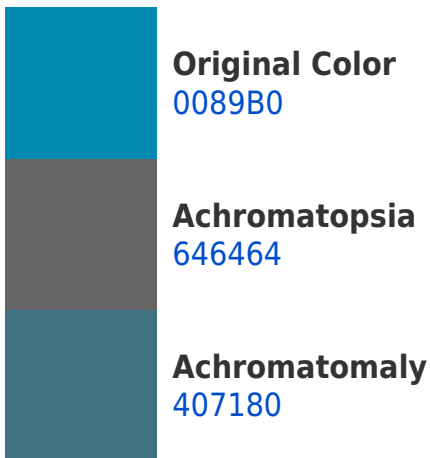


Tritanopia
008C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0089B0 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 #0089B0 looks like.

```
.text, #text, p{  
    color:#0089B0  
}
```

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 #0089B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0089B0
}
```

Border

The CSS property to change the border of an element to Hex 0089B0 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
#0089B0 }
```

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

```
.border{ border-color:#0089B0 }
```

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

Here you see how a box with a 4 pixel #0089B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0089B0; -webkit-box-shadow:4px 4px  
4px 4px #0089B0; box-shadow:4px 4px 4px  
4px #0089B0 }
```

Background

The CSS property to change the background color of an element to Hex 0089B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0089B0 }
```

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

```
.background{ background-color:#0089B0 }
```

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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