

Converting Colors

Hex(008CBF)

Have a look what the booklet for
Hex(008CBF) contains.

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Color

Hex(008CBF)

Conversions

Conversions Part 1

Format	Color
Hex	008CBF
RGB	0, 140, 191
RGB Percent	0%, 55%, 75%
CMY	1.0000, 0.4510, 0.2510
CMYK	1.00, 0.27, 0.00, 0.25
HSL	196°, 100%, 37%
HSV	196°, 100%, 75%
XYZ	18.7821, 22.5178, 52.6467
YIQ	103.9540, -99.8110, -13.8190

Conversions

Conversions Part 2

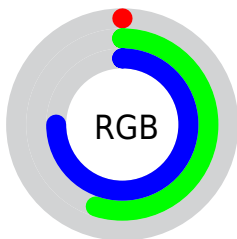
Format	Color
RYB	0, 81, 191
Decimal	36031
CIELab	54.57, -12.96, -35.30
CIELCh	55, 37.603, 249.842
Yxy	22.5178, 0.1999, 0.2397
Android (android.graphics.Color)	4278226111 (0xFF008CBF)
YUV	103.9540, 42.9137, -91.1677
Hunter-Lab	47.4529, -12.3915, -32.5624

Details

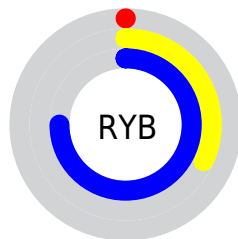
The Hex color **008CBF** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BF3300**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **60C2F8**, and **005A89** is the 20% darker color. If you saturate the color by 10%, you get **008CBF**, and if you desaturate by 10%, it is **1391BF**.

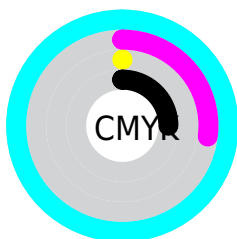
Distribution



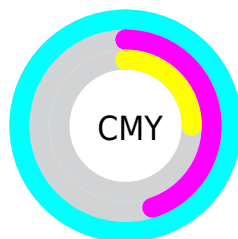
- Red (0%)
- Green (55%)
- Blue (75%)



- Red (0%)
- Yellow (32%)
- Blue (75%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (45%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008CBF 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 008CBF by changing the saturation by 10% instead.

 008CBF

FFFFFF

 60C2F8

 7FDFFF

 9EFAFF

 BCFFFF

 DBFFFF

 F9FFFF

 008CBF

 0073A4

 005A89

 004370

 002D57

 00193F

 000329

 000113

 000000

 008CBF

 1391BF

 2696BF

 399BBF

 4CA0BF

 60A6BF

 73ABBF

 86B0BF

 99B5BF

 ACBABF

Harmonies

Analogous

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



0092AB



008CBF



6282C2

Triad

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



008CBF



C06879



698D4F

Complementary

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



008CBF



BF3300

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.



8C8441



008CBF



BC6E5A

Square

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



008CBF



B36B9A



A97945



3C926B

Rectangle

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



008CBF



857ABB



A97945



758A48

Sweetspot

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



008CBF



ADE4F7



00BF33



50717D



FCFCFC



7D7D7D

Same Dimension

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



008CBF



00B5F7



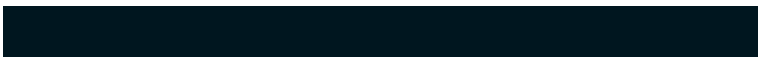
002DBF



555C5E



00749E



00161F

Inverse Universe

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



BF008C



F700B5



BF9200



5E555C



9E0074



1F0016

Previews

White Background



This preview shows how the Hex color 008CBF looks on a white background.

Color Contrast Check

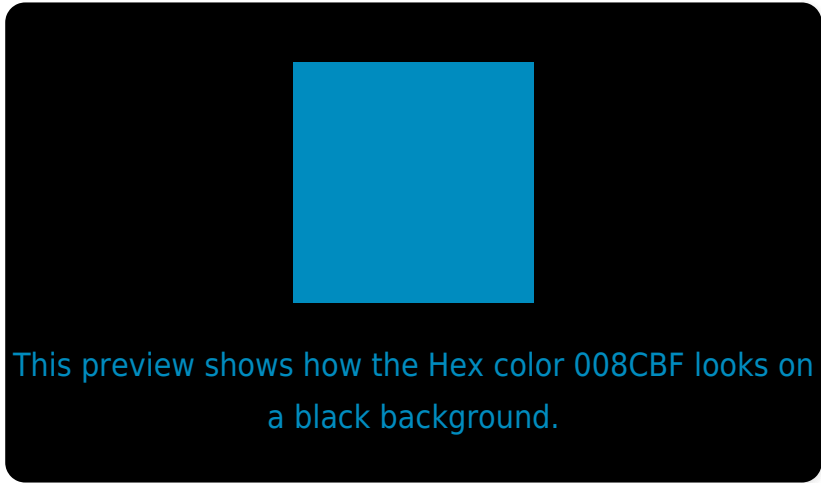
Large Text (above 18pt) WCAG AA ✓ Pass

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

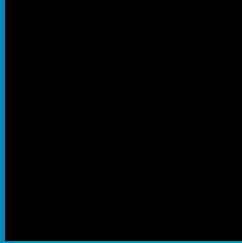
Any Text WCAG AA ✓ Pass

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 008CBF Background



This preview shows how black text looks on a background with the Hex color 008CBF.



This preview shows how white text looks on a background with the Hex color 008CBF.

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](#).

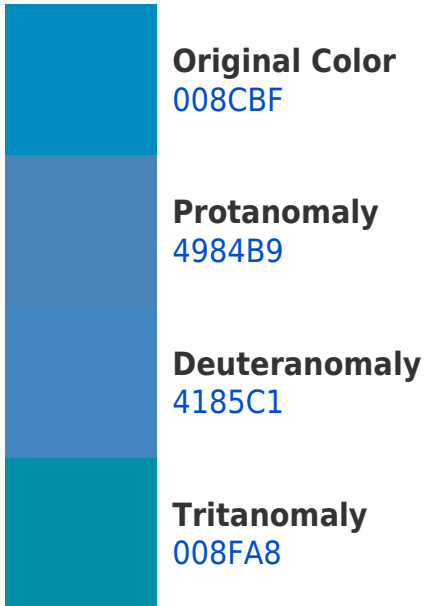
Dichromacy





Tritanopia
00919B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 008CBF 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 #008CBF looks like.

```
.text, #text, p{  
    color:#008CBF  
}
```

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 #008CBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008CBF
}
```

Border

The CSS property to change the border of an element to Hex 008CBF 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
#008CBF }
```

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

```
.border{ border-color:#008CBF }
```

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

Here you see how a box with a 4 pixel #008CBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008CBF; -webkit-box-shadow:4px 4px  
4px 4px #008CBF; box-shadow:4px 4px 4px  
4px #008CBF }
```

Background

The CSS property to change the background color of an element to Hex 008CBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008CBF }
```

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

```
.background{ background-color:#008CBF }
```

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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