

# Converting Colors

Hex(008CB0)

Have a look what the booklet for  
Hex(008CB0) contains.

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# Color

**Hex(008CB0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008CB0
RGB	0, 140, 176
RGB Percent	0%, 55%, 69%
CMY	1.0000, 0.4510, 0.3098
CMYK	1.00, 0.20, 0.00, 0.31
HSL	192°, 100%, 35%
HSV	192°, 100%, 69%
XYZ	17.2146, 21.8908, 44.3923
YIQ	102.2440, -94.9960, -18.4840

# Conversions

## Conversions Part 2

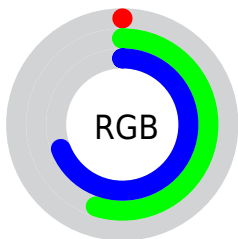
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 78, 176</a>
Decimal	<a href="#">36016</a>
CIELab	<a href="#">53.91, -18.45, -27.77</a>
CIELCh	<a href="#">54, 33.335, 236.401</a>
Yxy	<a href="#">21.8908, 0.2062, 0.2622</a>
Android (android.graphics.Color)	<a href="#">4278226096 (0xFF008CB0)</a>
YUV	<a href="#">102.2440, 36.3617, -89.6680</a>
Hunter-Lab	<a href="#">46.7876, -16.2027, -23.5034</a>

# Details

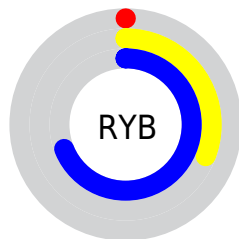
The Hex color **008CB0** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B02400**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5DC2E8**, and **005A7B** is the 20% darker color. If you saturate the color by 10%, you get **008CB0**, and if you desaturate by 10%, it is **1290B0**.

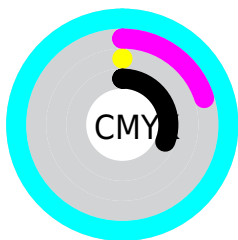
# Distribution



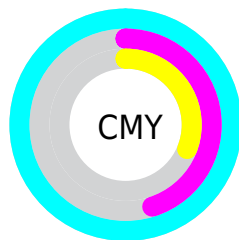
- Red (0%)
- Green (55%)
- Blue (69%)



- Red (0%)
- Yellow (31%)
- Blue (69%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (45%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008CB0 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 008CB0 by changing the saturation by 10% instead.



 008CB0

 008CB0

FFFFFF

 007295

 5DC2E8

 005A7B

 7CDEFF

 004262

 9AFAFF

 002C4A

 B8FFFF

 001933

 D6FFFF

 00021E

 F4FFFF

 000000

 008CB0

 1290B0

■ 2393B0

■ 3597B0

■ 469AB0

■ 589EB0

■ 6AA2B0

■ 7BA5B0

■ 8DA9B0

■ 9EACB0

# Harmonies

## Analogous

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



009099



008CB0



4E85BA

# Triad

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



008CB0



B56A86



79874C

# Complementary

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



008CB0



B02400

# 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.



967E47



008CB0



B86C69

# Square

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



008CB0



A270A1



AC7452



578D60

# Rectangle

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



008CB0



707EB8



AC7452



848449



# Sweetspot

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



008CB0



A1D7E6



00B023



496A73



F2F2F2



737373



# Same Dimension

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



008CB0



00B7E6



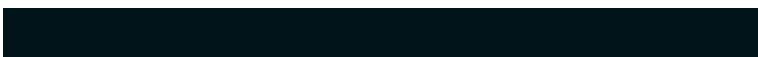
0035B0



505759



007A99



00141A



# Inverse Universe

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



B0008C



E600B7



B07B00



595057



99007A



1A0014



# Previews

## White Background



This preview shows how the Hex color 008CB0 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



This preview shows how the Hex color 008CB0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

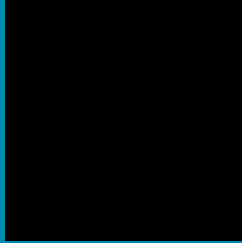
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008CB0 Background



This preview shows how black text looks on a background with the Hex color 008CB0.

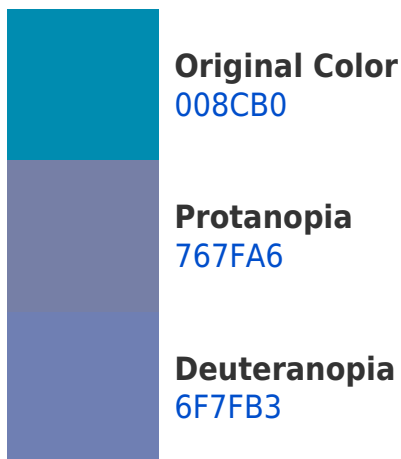


This preview shows how white text looks on a background with the Hex color 008CB0.

# 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](#).

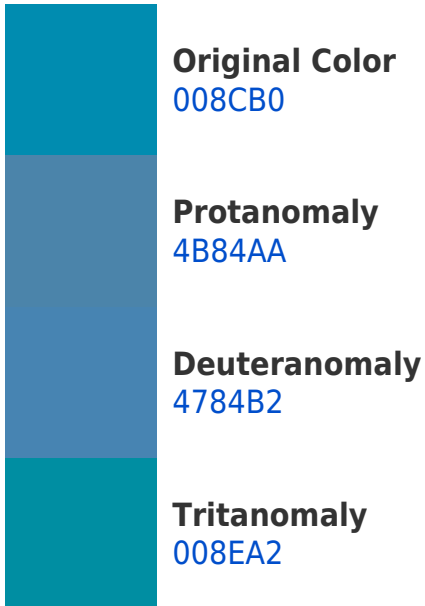
## Dichromacy



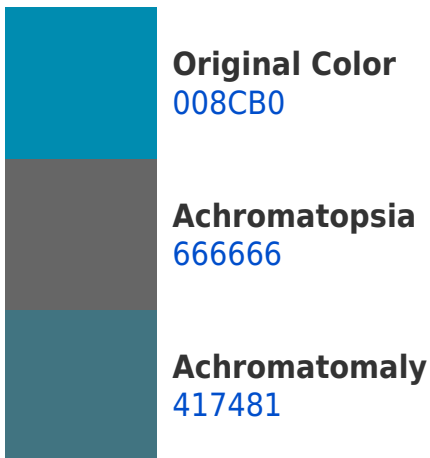


**Tritanopia**  
008F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008CB0 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 #008CB0 looks like.

```
.text, #text, p{  
    color:#008CB0  
}
```

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 #008CB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008CB0
}
```

## Border

The CSS property to change the border of an element to Hex 008CB0 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
#008CB0 }
```

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

```
.border{ border-color:#008CB0 }
```

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

Here you see how a box with a 4 pixel #008CB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008CB0; -webkit-box-shadow:4px 4px  
4px 4px #008CB0; box-shadow:4px 4px 4px  
4px #008CB0 }
```

# Background

The CSS property to change the background color of an element to Hex 008CB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008CB0 }
```

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

```
.background{ background-color:#008CB0 }
```

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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