

Converting Colors

Hex(008BCC)

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

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Color

Hex(008BCC)

Conversions

Conversions Part 1

Format	Color
Hex	008BCC
RGB	0, 139, 204
RGB Percent	0%, 55%, 80%
CMY	1.0000, 0.4549, 0.2000
CMYK	1.00, 0.32, 0.00, 0.20
HSL	199°, 100%, 40%
HSV	199°, 100%, 80%
XYZ	20.1317, 22.8249, 60.4713
YIQ	104.8490, -103.7090, -9.2530

Conversions

Conversions Part 2

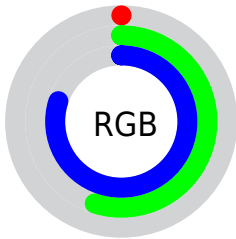
Format	Color
R _{YB}	0, 83, 204
Decimal	35788
CIE Lab	54.89, -7.52, -42.17
CIE LCh	55, 42.835, 259.889
Yxy	22.8249, 0.1946, 0.2207
Android (android.graphics.Color)	4278225868 (0xFF008BCC)
YUV	104.8490, 48.8814, -91.9526
Hunter-Lab	47.7754, -8.3902, -41.6031

Details

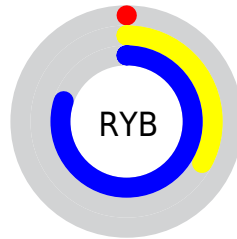
The Hex color **008BCC** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **CC4100**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **63C0FF**, and **005995** is the 20% darker color. If you saturate the color by 10%, you get **008BCC**, and if you desaturate by 10%, it is **1491CC**.

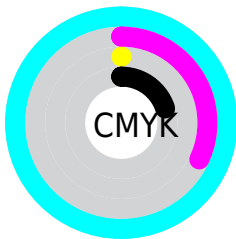
Distribution



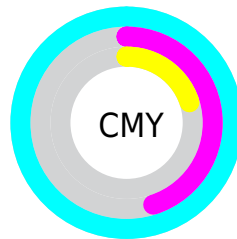
- Red (0%)
- Green (55%)
- Blue (80%)



- Red (0%)
- Yellow (33%)
- Blue (80%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (45%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 008BCC

 008BCC

FFFFFF

 0072B0

 63C0FF

 005995

 83DCFF

 00427B

 A2F9FF

 002D62

 C0FFFF

 00194A

 DFFFFFF

 000433

FEFFFF

 00021D

 000000

 008BCC

 1491CC

 2998CC

 3D9FCC

 52A5CC

 66ABCC

 7AB2CC

 8FB9CC

 A3BFCC

 B8C6CC

Harmonies

Analogous

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



0093BB



008BCC



717FC9

Triad

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



008BCC



C9656C



559152

Complementary

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



008BCC



CC4100

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.



81893B



008BCC



BD6F4C

Square

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



008BCC



C26592



A47D39



009575

Rectangle

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



008BCC



9675BC



A47D39



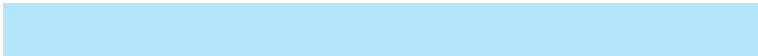
658F48

Sweetspot

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



008BCC



B3E7FF



00CC41



527180



000000



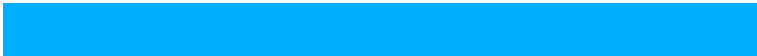
808080

Same Dimension

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



008BCC



00AEFF



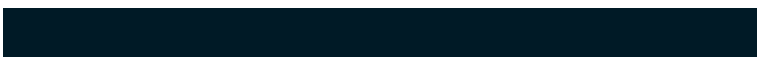
0025CC



5C6366



0071A6



001A26

Inverse Universe

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



CC008B



FF00AE



CCA700



665C63



A60071



26001A

Previews

White Background



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

Color Contrast Check

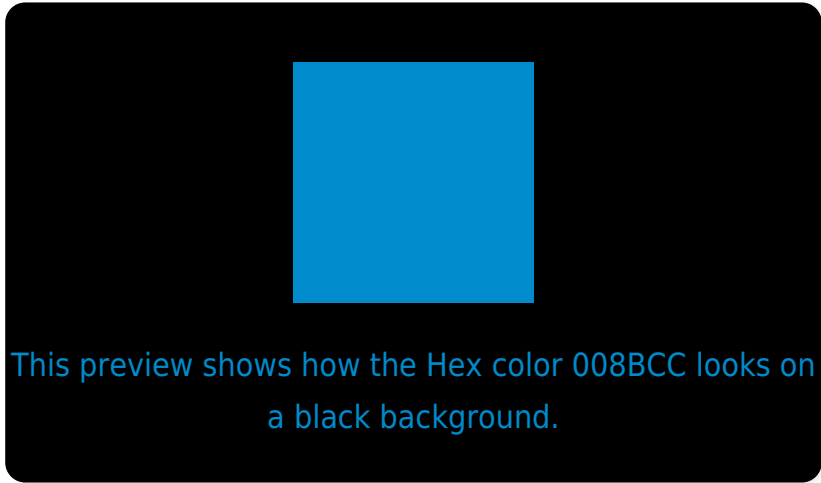
Large Text (above 18pt) WCAG AA ✓ Pass

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

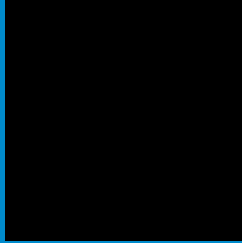
Any Text WCAG AA ✓ Pass

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 008BCC Background



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

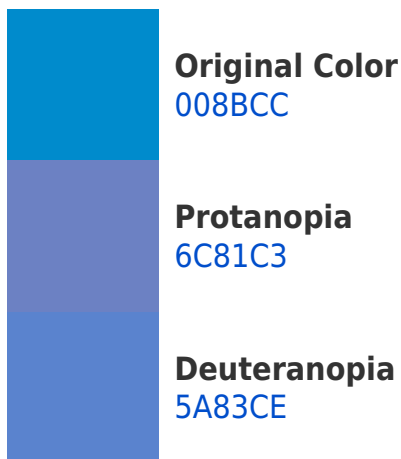


This preview shows how white text looks on a background with the Hex color 008BCC.

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](#).

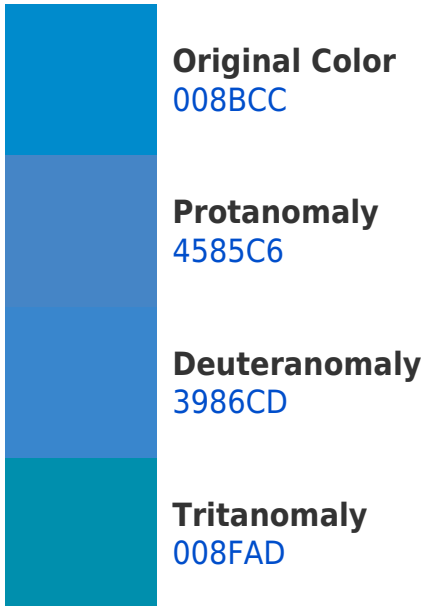
Dichromacy



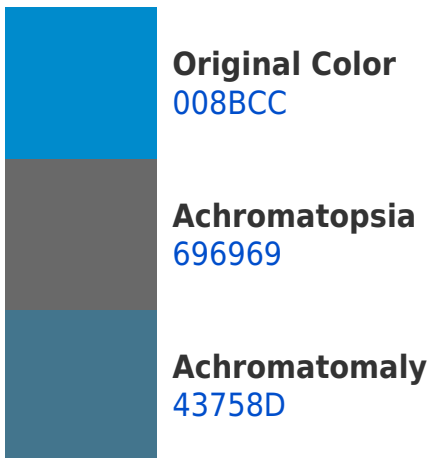


Tritanopia
00919C

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #008BCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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