

Converting Colors

Hex(008FCB)

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

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Color

Hex(008FCB)

Conversions

Conversions Part 1	
Format	Color
Hex	008FCB
RGB	0, 143, 203
RGB Percent	0%, 56%, 80%
CMY	1.0000, 0.4392, 0.2039
CMYK	1.00, 0.30, 0.00, 0.20
HSL	198°, 100%, 40%
HSV	198°, 100%, 80%
XYZ	20.6020, 23.9567, 60.0382
YIQ	107.0830, -104.4880, -11.6560

Conversions

Conversions Part 2

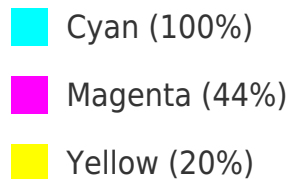
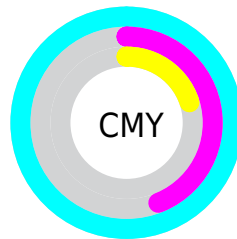
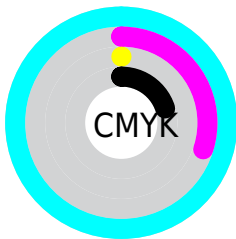
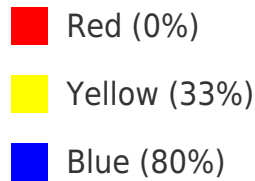
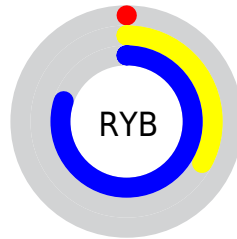
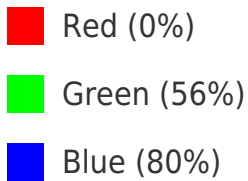
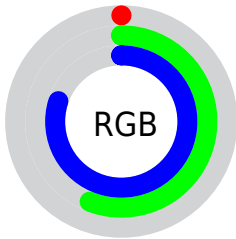
Format	Color
RYB	0, 84, 203
Decimal	36811
CIELab	56.04, -10.19, -39.79
CIELCh	56, 41.072, 255.639
Yxy	23.9567, 0.1970, 0.2290
Android (android.graphics.Color)	4278226891 (0xFF008FCB)
YUV	107.0830, 47.2871, -93.9118
Hunter-Lab	48.9456, -10.5214, -38.4650

Details

The Hex color **008FCB** 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 **CB3C00**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **63C5FF**, and **005D94** is the 20% darker color. If you saturate the color by 10%, you get **008FCB**, and if you desaturate by 10%, it is **1495CB**.

Distribution



Brightness & Saturation Gradients

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

 008FCB

 008FCB

FFFFFF

 0075AF

 63C5FF

 005D94

 83E1FF

 00467A

 A2FDFF

 002F61

 C0FFFF

 001C49

 DFFFFF

 000432

FEFFFF

 00021C

 000000

 008FCB

 1495CB

 299BCB

 3DA1CB

 51A7CB

 66ADCB

 7AB3CB

 8EB9CB

 A2BFCB

 B7C5CB

Harmonies

Analogous

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



0096B8



008FCB



6D84CB

Triad

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



008FCB



CA6975



619353

Complementary

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



008FCB



CB3C00

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.



8A8A3F



008FCB



C17155

Square

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



008FCB



C06B99



AA7E40



279773

Rectangle

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



008FCB



927AC0



AA7E40



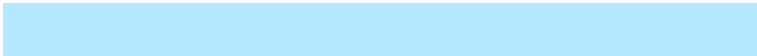
70904A

Sweetspot

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



008FCB



B3E8FF



00CB3A



527280



000000



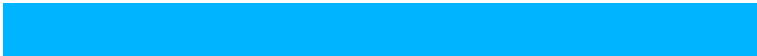
808080

Same Dimension

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



008FCB



00B4FF



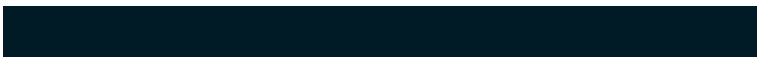
002CCB



5C6366



0075A6



001B26

Inverse Universe

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



CB008F



FF00B4



CB9F00



665C63



A60075



26001B

Previews

White Background



This preview shows how the Hex color 008FCB 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 008FCB 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 008FCB Background



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

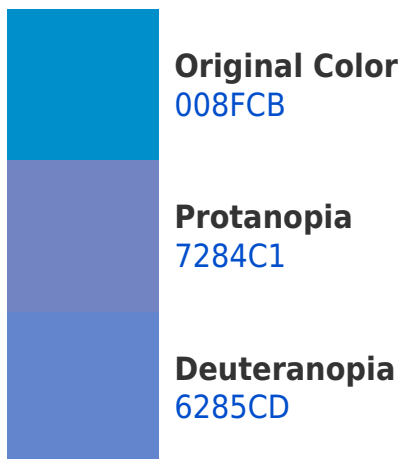


This preview shows how white text looks on a background with the Hex color 008FCB.

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](#).




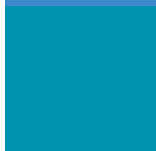
Dichromacy








Tritanopia
0095A0

Trichromacy

	Original Color 008FCB
	Protanomaly 4988C5
	Deuteranomaly 3E89CC
	Tritanomaly 0093B0

Monochromacy

	Original Color 008FCB
	Achromatopsia 6B6B6B
	Achromatomaly 44788E

CSS Examples

Text

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

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

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 #008FCB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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