

Converting Colors

Hex(008FB8)

Have a look what the booklet for
Hex(008FB8) contains.

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Color

Hex(008FB8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 008FB8 |
| RGB | 0, 143, 184 |
| RGB Percent | 0%, 56%, 72% |
| CMY | 1.0000, 0.4392, 0.2784 |
| CMYK | 1.00, 0.22, 0.00, 0.28 |
| HSL | 193°, 100%, 36% |
| HSV | 193°, 100%, 72% |
| XYZ | 18.4742, 23.1056, 48.8335 |
| YIQ | 104.9170, -98.3890, -17.5650 |

Conversions

Conversions Part 2

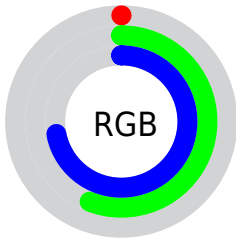
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 80, 184 |
| Decimal | 36792 |
| CIELab | 55.18, -17.18, -30.37 |
| CIELCh | 55, 34.890, 240.495 |
| Yxy | 23.1056, 0.2043, 0.2556 |
| Android (android.graphics.Color) | 4278226872 (0xFF008FB8) |
| YUV | 104.9170, 38.9879, -92.0122 |
| Hunter-Lab | 48.0683, -15.5162, -26.5861 |

Details

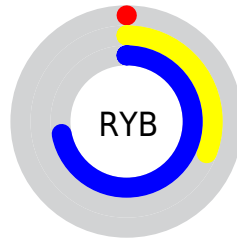
The Hex color **008FB8** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B82900**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5FC5F0**, and **005D83** is the 20% darker color. If you saturate the color by 10%, you get **008FB8**, and if you desaturate by 10%, it is **1293B8**.

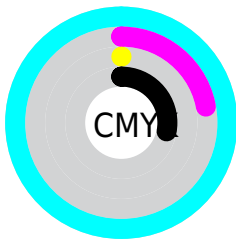
Distribution



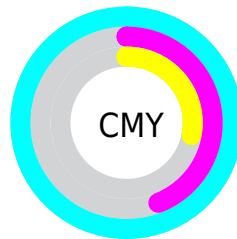
- Red (0%)
- Green (56%)
- Blue (72%)



- Red (0%)
- Yellow (31%)
- Blue (72%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (44%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008FB8 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 008FB8 by changing the saturation by 10% instead.

 008FB8

 008FB8

FFFFFF

 00759D

 5FC5F0

 005D83

 7EE1FF

 004569

 9CFE FF

 002F51

 BAF FF

 001B3A

 D9 FF

 000224

 F7 FF

 00000C

 000000

 008FB8

 1293B8

 2597B8

 379BB8

 4A9FB8

 5CA4B8

 6EA8B8

 81ACB8

 93B0B8

 A6B4B8

Harmonies

Analogous

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



0093A2



008FB8



5687C0

Triad

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



008FB8



BC6C85



788B4F

Complementary

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



008FB8



B82900

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.



978247



008FB8



BD6F67

Square

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



008FB8



AA71A2



AF7850



539165

Rectangle

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



008FB8



7980BD



AF7850



83894A

Sweetspot

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



008FB8



A8E0F0



00B828



4D6E78



F7F7F7



787878

Same Dimension

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



008FB8



00BAF0



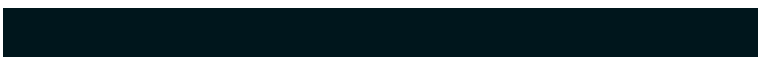
0034B8



535A5C



00799C



00161C

Inverse Universe

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



B8008F



F000BA



B88400



5C535A



9C0079



1C0016

Previews

White Background



This preview shows how the Hex color 008FB8 looks on a white background.

Color Contrast Check

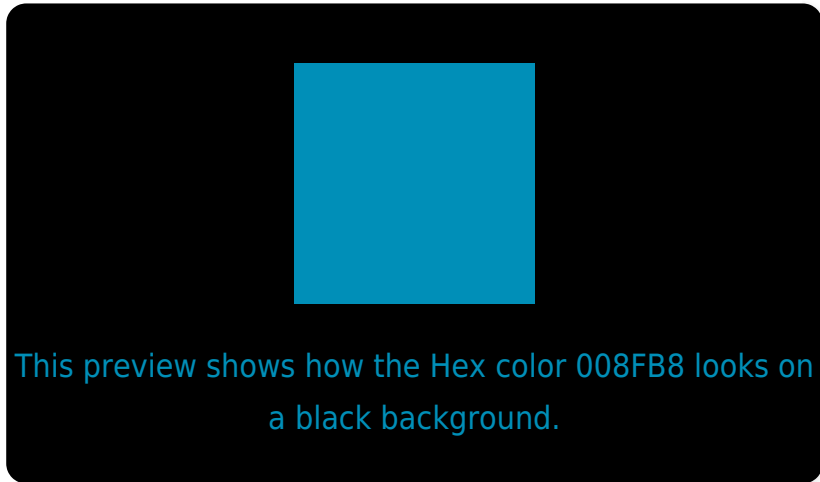
Large Text (above 18pt) WCAG AA ✓ Pass

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

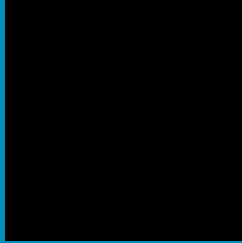
Any Text WCAG AA ✓ Pass

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 008FB8 Background



This preview shows how black text looks on a background with the Hex color 008FB8.

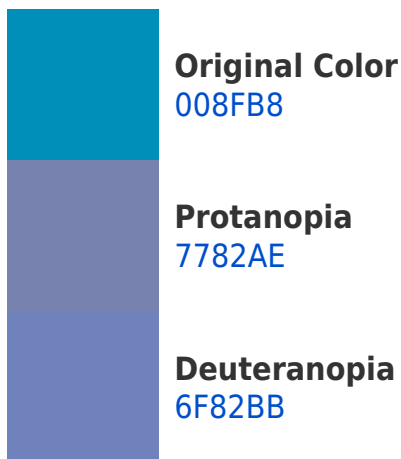


This preview shows how white text looks on a background with the Hex color 008FB8.

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
00929E

Trichromacy



Original Color
008FB8

Protanomaly
4C87B2

Deuteranomaly
4787BA

Tritanomaly
0091A7

Monochromacy



Original Color
008FB8

Achromatopsia
696969

Achromatomaly
437786

CSS Examples

Text

The CSS property to change the color of the text to Hex 008FB8 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 #008FB8 looks like.

```
.text, #text, p{  
    color:#008FB8  
}
```

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 #008FB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008FB8
}
```

Border

The CSS property to change the border of an element to Hex 008FB8 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
#008FB8 }
```

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

```
.border{ border-color:#008FB8 }
```

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

Here you see how a box with a 4 pixel #008FB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008FB8; -webkit-box-shadow:4px 4px  
4px 4px #008FB8; box-shadow:4px 4px 4px  
4px #008FB8 }
```

Background

The CSS property to change the background color of an element to Hex 008FB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008FB8 }
```

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

```
.background{ background-color:#008FB8 }
```

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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