

# Converting Colors

Hex(008CF5)

Have a look what the booklet for  
Hex(008CF5) contains.

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**Color**

**Hex(008CF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008CF5
RGB	0, 140, 245
RGB Percent	0%, 55%, 96%
CMY	1.0000, 0.4510, 0.0392
CMYK	1.00, 0.43, 0.00, 0.04
HSL	206°, 100%, 48%
HSV	206°, 100%, 96%
XYZ	25.8595, 25.3487, 89.9161
YIQ	110.1100, -117.1450, 2.9750

# Conversions

## Conversions Part 2

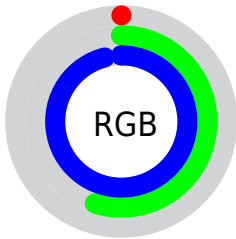
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 89, 245
Decimal	36085
CIE Lab	57.41, 7.55, -61.06
CIE LCh	57, 61.529, 277.049
Yxy	25.3487, 0.1832, 0.1796
Android (android.graphics.Color)	4278226165 (0xFF008CF5)
YUV	110.1100, 66.5008, -96.5665
Hunter-Lab	50.3475, 3.5730, -70.6432

# Details

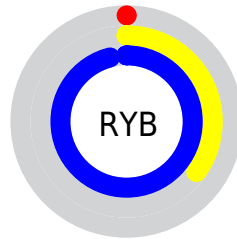
The Hex color **008CF5** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **F56900**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **6DC1FF**, and **005BBC** is the 20% darker color. If you saturate the color by 10%, you get **008CF5**, and if you desaturate by 10%, it is **1897F5**.

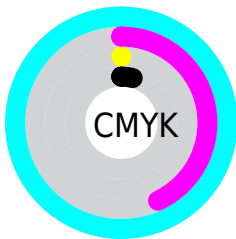
# Distribution



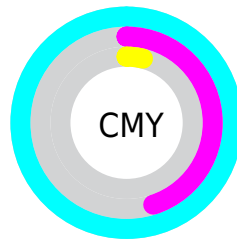
- Red (0%)
- Green (55%)
- Blue (96%)



- Red (0%)
- Yellow (35%)
- Blue (96%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (45%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008CF5 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 008CF5 by changing the saturation by 10% instead.



008CF5

008CF5

FFFFFF

0073D8

6DC1FF

005BBC

8FDFFF

0044A0

AFF9FF

002F86

CFFFFF

001C6C

EFFFFFF

000B53

00063B

000224

00000C

 008CF5

 1897F5

 31A1F5

 4AACF5

 62B6F5

 7BC1F5

 93CBF5

 ABD6F5

 C4E0F5

 DDEBF5

# Harmonies

## Analogous

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



009BED



008CF5



9C76E0

# Triad

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



008CF5



E3614C



00A05E

# Complementary

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



008CF5



F56900

# 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.



60992B



008CF5



C57820

# Square

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



008CF5



EA547F



998B04



00A395

# Rectangle

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



008CF5



C565C5



998B04



1E9E4C

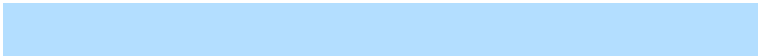


# Sweetspot

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



008CF5



B3DEFF



00F566



526C80



000000



808080

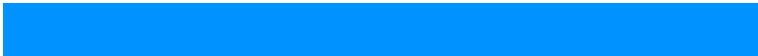


# Same Dimension

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



008CF5



0092FF



0014F5



6E757A



006ABA



00223B



# Inverse Universe

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



F5008C



FF0092



F5E100



7A6E75



BA006A



3B0022



# Previews

## White Background



This preview shows how the Hex color 008CF5 looks on a white background.

## Color Contrast Check

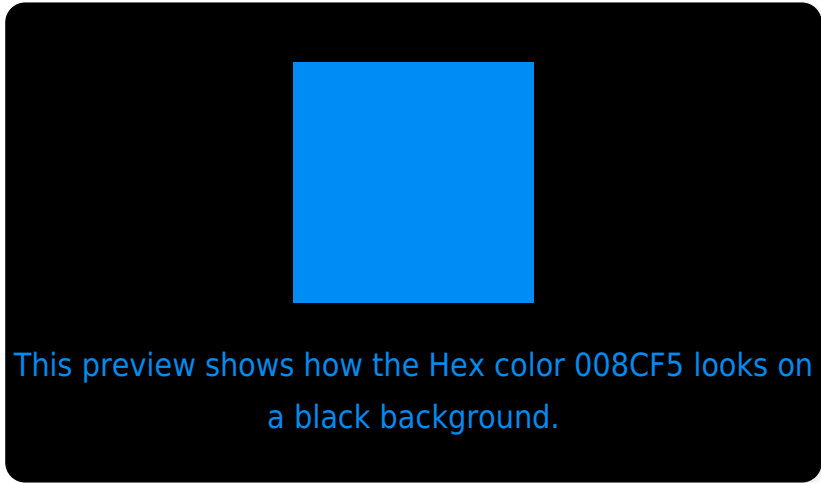
Large Text (above 18pt) WCAG AA ✓ Pass

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

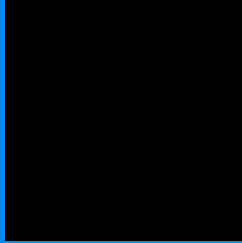
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

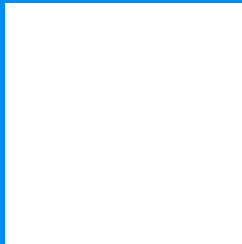
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 008CF5 Background



This preview shows how black text looks on a background with the Hex color 008CF5.



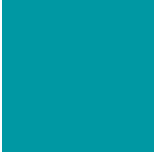
This preview shows how white text looks on a background with the Hex color 008CF5.

# 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**  
0098A3

# Trichromacy



**Original Color**  
008CF5

**Protanomaly**  
3988F1

**Deuteranomaly**  
138BF5

**Tritanomaly**  
0094C1

# Monochromacy



**Original Color**  
008CF5

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
46799F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008CF5 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 #008CF5 looks like.

```
.text, #text, p{  
    color:#008CF5  
}
```

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 #008CF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008CF5
}
```

## Border

The CSS property to change the border of an element to Hex 008CF5 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
#008CF5 }
```

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

```
.border{ border-color:#008CF5 }
```

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

Here you see how a box with a 4 pixel #008CF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008CF5; -webkit-box-shadow:4px 4px  
4px 4px #008CF5; box-shadow:4px 4px 4px  
4px #008CF5 }
```

# Background

The CSS property to change the background color of an element to Hex 008CF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008CF5 }
```

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

```
.background{ background-color:#008CF5 }
```

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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