

Converting Colors

Hex(008CF7)

Have a look what the booklet for
Hex(008CF7) contains.

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Color

Hex(008CF7)

Conversions

Conversions Part 1

Format	Color
Hex	008CF7
RGB	0, 140, 247
RGB Percent	0%, 55%, 97%
CMY	1.0000, 0.4510, 0.0314
CMYK	1.00, 0.43, 0.00, 0.03
HSL	206°, 100%, 48%
HSV	206°, 100%, 97%
XYZ	26.1666, 25.4716, 91.5331
YIQ	110.3380, -117.7870, 3.5970

Conversions

Conversions Part 2

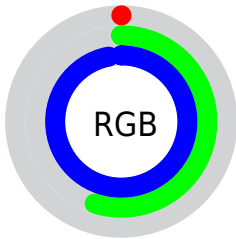
Format	Color
RYB	0, 89, 247
Decimal	36087
CIELab	57.53, 8.32, -61.98
CIELCh	58, 62.533, 277.644
Yxy	25.4716, 0.1828, 0.1779
Android (android.graphics.Color)	4278226167 (0xFF008CF7)
YUV	110.3380, 67.3744, -96.7664
Hunter-Lab	50.4694, 4.2246, -72.2019

Details

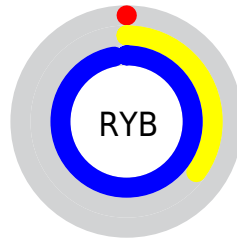
The Hex color **008CF7** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **F76B00**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **6EC1FF**, and **005BBE** is the 20% darker color. If you saturate the color by 10%, you get **008CF7**, and if you desaturate by 10%, it is **1997F7**.

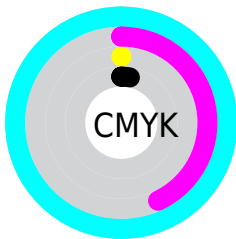
Distribution



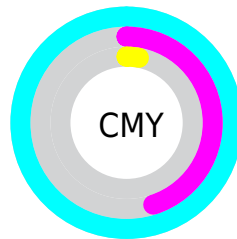
- Red (0%)
- Green (55%)
- Blue (97%)



- Red (0%)
- Yellow (35%)
- Blue (97%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (45%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008CF7 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 008CF7 by changing the saturation by 10% instead.

 008CF7

FFFFFF

 6EC1FF

 90DDFF

 B0F9FF

 D0FFFF


 EFFFFFF

 008CF7

 0073DA

 005BBE

 0044A2

 002F87

 001D6D

 000B54

 00063C

 000225

 00010E

 008CF7

 1997F7

 31A1F7

 4AACF7

 63B7F7

 7CC2F7

 94CCF7

 ADD7F7

 C6E2F7

 DEECF7

Harmonies

Analogous

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



009BEF



008CF7



9E75E1

Triad

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



008CF7



E4614A



00A15E

Complementary

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



008CF7



F76B00

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.



5E992A



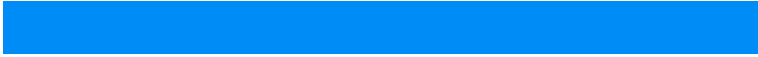
008CF7



C5781C

Square

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



008CF7



EC537E



988C00



00A497

Rectangle

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



008CF7



C864C5



988C00



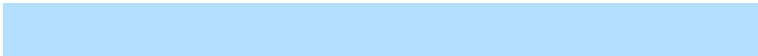
159F4C

Sweetspot

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



008CF7



B3DEFF



00F767



526C80



000000



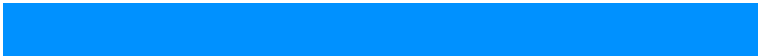
808080

Same Dimension

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



008CF7



0091FF



0015F7



6E757A



006ABA



00213B

Inverse Universe

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



F7008C



FF0091



F7E200



7A6E75



BA006A



3B0021

Previews

White Background



This preview shows how the Hex color 008CF7 looks on a white background.

Color Contrast Check

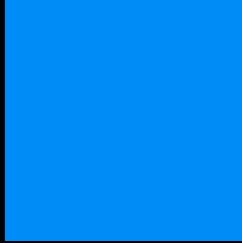
Large Text (above 18pt) WCAG AA ✓ Pass

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 008CF7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

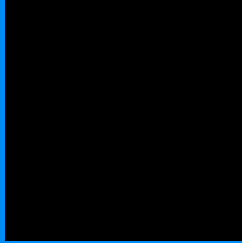
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

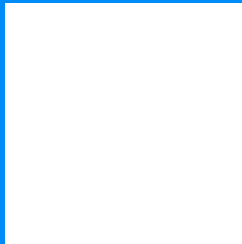
Any Text WCAG AAA × Fail

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

Hex 008CF7 Background



This preview shows how black text looks on a background with the Hex color 008CF7.



This preview shows how white text looks on a background with the Hex color 008CF7.

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](#).

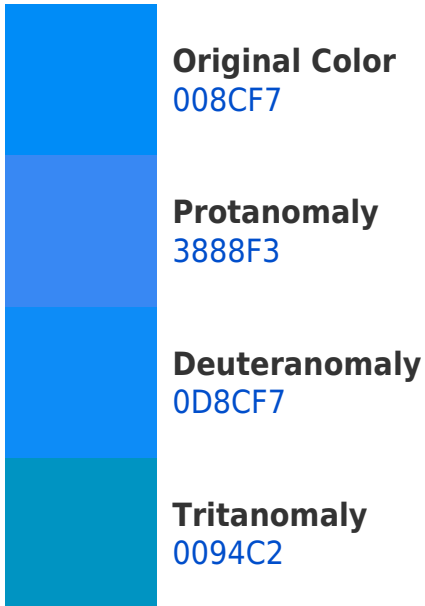
Dichromacy





Tritanopia
0099A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 008CF7 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 #008CF7 looks like.

```
.text, #text, p{  
    color:#008CF7  
}
```

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 #008CF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008CF7
}
```

Border

The CSS property to change the border of an element to Hex 008CF7 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
#008CF7 }
```

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

```
.border{ border-color:#008CF7 }
```

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

Here you see how a box with a 4 pixel #008CF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008CF7; -webkit-box-shadow:4px 4px  
4px 4px #008CF7; box-shadow:4px 4px 4px  
4px #008CF7 }
```

Background

The CSS property to change the background color of an element to Hex 008CF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008CF7 }
```

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

```
.background{ background-color:#008CF7 }
```

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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