

Converting Colors

Hex(008CFF)

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

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Color

Hex(008CFF)

Conversions

Conversions Part 1

Format	Color
Hex	008CFF
RGB	0, 140, 255
RGB Percent	0%, 55%, 100%
CMY	1.0000, 0.4510, 0.0000
CMYK	1.00, 0.45, 0.00, 0.00
HSL	207°, 100%, 50%
HSV	207°, 100%, 100%
XYZ	27.4281, 25.9762, 98.1760
YIQ	111.2500, -120.3550, 6.0850

Conversions

Conversions Part 2

Format	Color
R _{YB}	0, 90, 255
Decimal	36095
CIE _{Lab}	58.01, 11.38, -65.61
CIE _{LCh}	58, 66.586, 279.844
Yxy	25.9762, 0.1809, 0.1714
Android (android.graphics.Color)	4278226175 (0xFF008CFF)
YUV	111.2500, 70.8688, -97.5662
Hunter-Lab	50.9668, 6.8689, -78.5320

Details

The Hex color **008CFF** 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 **FF7300**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **70C1FF**, and **005BC5** is the 20% darker color. If you saturate the color by 10%, you get **008CFF**, and if you desaturate by 10%, it is **1998FF**.

Distribution



- Red (0%)
- Green (55%)
- Blue (100%)



- Red (0%)
- Yellow (35%)
- Blue (100%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 008CFF

 008CFF

FFFFFF

 0073E2

 70C1FF

 005BC5

 92DDFF

 0044AA

 B3F9FF

 00308E

 D3FFFF

 001D74

 F3FFFF

 000B5B

 000742

 00032B

 000115

 008CFF

 1998FF

 33A3FF

 4DAFFF

 66BAFF

 80C6FF

 99D1FF

 B3DDFF

 CCE8FF

 E6F4FF

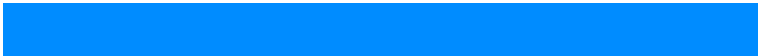
Harmonies

Analogous

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



009DF9



008CFF



A673E6

Triad

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



008CFF



E86043



00A461

Complementary

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



008CFF



FF7300

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.



559C27



008CFF



C67A0C

Square

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



008CFF



F34E7B



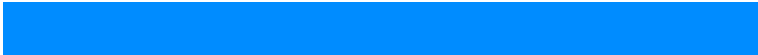
958F00



00A69E

Rectangle

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



008CFF



D060C7



958F00



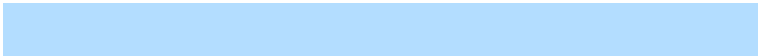
00A24D

Sweetspot

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



008CFF



B3DDFF



00FF73



526B80



000000



808080

Same Dimension

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



008CFF



000DFF



737A80



0069BF



002340

Inverse Universe

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



FF008C



FFF200



80737A



BF0069



400023

Previews

White Background



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

Color Contrast Check

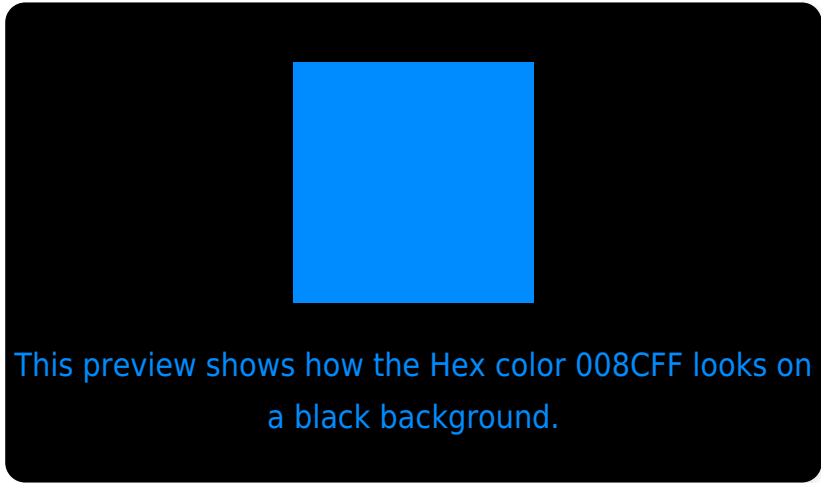
Large Text (above 18pt) WCAG AA ✓ Pass

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

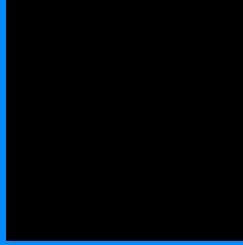
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

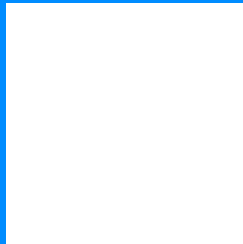
Any Text WCAG AAA × Fail

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

Hex 008CFF Background



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



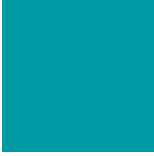
This preview shows how white text looks on a background with the Hex color 008CFF.

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



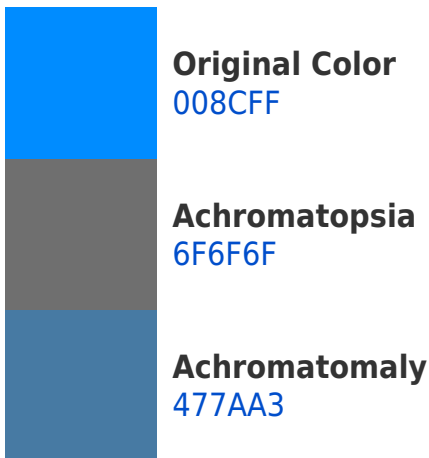


Tritanopia
009AA4

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #008CFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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