

Converting Colors

Hex(009CCF)

Have a look what the booklet for
Hex(009CCF) contains.

Hex(009CCF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(009CCF)

Conversions

Conversions Part 1

Format	Color
Hex	009CCF
RGB	0, 156, 207
RGB Percent	0%, 61%, 81%
CMY	1.0000, 0.3882, 0.1882
CMYK	1.00, 0.25, 0.00, 0.19
HSL	195°, 100%, 41%
HSV	195°, 100%, 81%
XYZ	23.1510, 28.2819, 63.2703
YIQ	115.1700, -109.3470, -17.2110

Conversions

Conversions Part 2

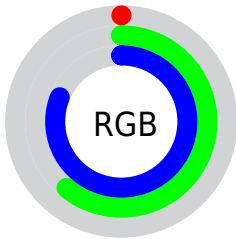
Format	Color
RYB	0, 89, 207
Decimal	40143
CIELab	60.14, -15.94, -35.61
CIELCh	60, 39.020, 245.884
Yxy	28.2819, 0.2018, 0.2466
Android (android.graphics.Color)	4278230223 (0xFF009CCF)
YUV	115.1700, 45.2722, -101.0041
Hunter-Lab	53.1808, -15.3607, -33.3120

Details

The Hex color **009CCF** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **CF3300**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **65D3FF**, and **006998** is the 20% darker color. If you saturate the color by 10%, you get **009CCF**, and if you desaturate by 10%, it is **15A1CF**.

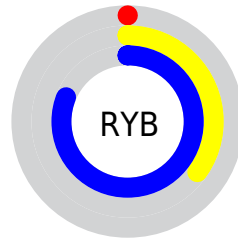
Distribution



Red (0%)

Green (61%)

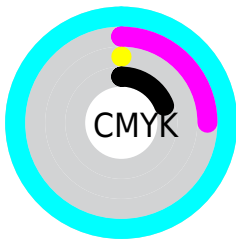
Blue (81%)



Red (0%)

Yellow (35%)

Blue (81%)

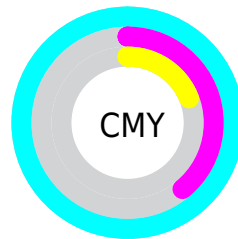


Cyan (100%)

Magenta (25%)

Yellow (0%)

Black (19%)



Cyan (100%)

Magenta (39%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009CCF 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 009CCF by changing the saturation by 10% instead.

 009CCF

 009CCF

FFFFFF

 0082B3

 65D3FF

 006998

 85EFFF

 00517E

 A4FFFF

 003A65

 C3FFFF

 00244D

 E2FFFF

 000636

 000220

 000003

 000000

■ 009CCF

■ 15A1CF

■ 29A6CF

■ 3EABCF

■ 53B0CF

■ 68B5CF

■ 7CBBCF

■ 91C0CF

■ A6C5CF

■ BACACF

Harmonies

Analogous

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



00A2B8



009CCF



6792D5

Triad

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



009CCF



D2758B



7B9B58

Complementary

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



009CCF



CF3300

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.



A0914B



009CCF



CF7A6A

Square

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



009CCF



C17AAE



BD8553



4FA174

Rectangle

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



009CCF



8D8ACF



BD8553



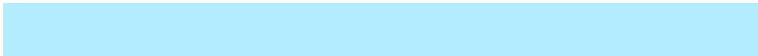
889851

Sweetspot

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



009CCF



B3ECFF



00CF30



527480



000000



808080

Same Dimension

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



009CCF



00C0FF



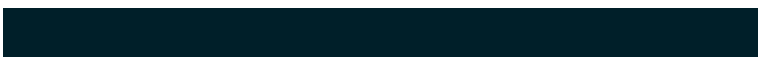
0037CF



5E6669



007FA8



001F29

Inverse Universe

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



CF009C



FF00C0



CF9800



695E66



A8007F



29001F

Previews

White Background



This preview shows how the Hex color 009CCF looks on a white background.

Color Contrast Check

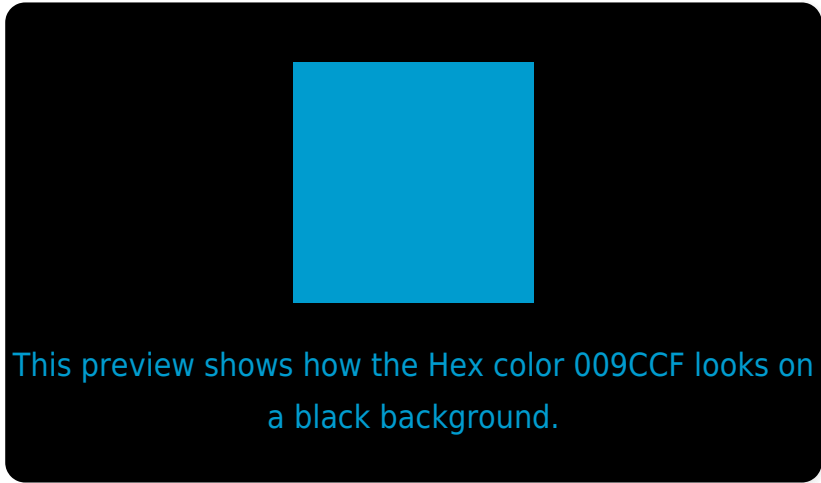
Large Text (above 18pt) WCAG AA ✓ Pass

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

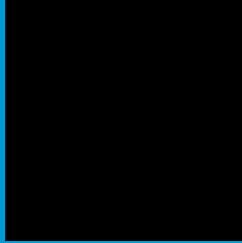
Any Text WCAG AA ✓ Pass

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 009CCF Background



This preview shows how black text looks on a background with the Hex color 009CCF.

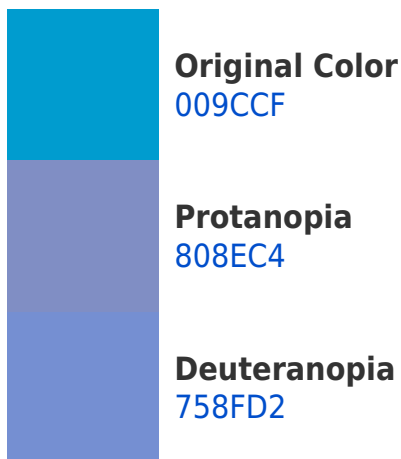


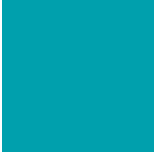
This preview shows how white text looks on a background with the Hex color 009CCF.

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
00A0AD

Trichromacy



Original Color
009CCF



Protanomaly
5193C8



Deuteranomaly
4A94D1



Tritanomaly
009FB9

Monochromacy



Original Color
009CCF



Achromatopsia
737373



Achromatomaly
498294

CSS Examples

Text

The CSS property to change the color of the text to Hex 009CCF 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 #009CCF looks like.

```
.text, #text, p{  
    color:#009CCF  
}
```

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 #009CCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009CCF
}
```

Border

The CSS property to change the border of an element to Hex 009CCF 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
#009CCF }
```

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

```
.border{ border-color:#009CCF }
```

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

Here you see how a box with a 4 pixel #009CCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009CCF; -webkit-box-shadow:4px 4px  
4px 4px #009CCF; box-shadow:4px 4px 4px  
4px #009CCF }
```

Background

The CSS property to change the background color of an element to Hex 009CCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009CCF }
```

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

```
.background{ background-color:#009CCF }
```

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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