

Converting Colors

Hex(009CCC)

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

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Color

Hex(009CCC)

Conversions

Conversions Part 1

Format	Color
Hex	009CCC
RGB	0, 156, 204
RGB Percent	0%, 61%, 80%
CMY	1.0000, 0.3882, 0.2000
CMYK	1.00, 0.24, 0.00, 0.20
HSL	194°, 100%, 40%
HSV	194°, 100%, 80%
XYZ	22.7876, 28.1366, 61.3566
YIQ	114.8280, -108.3840, -18.1440

Conversions

Conversions Part 2

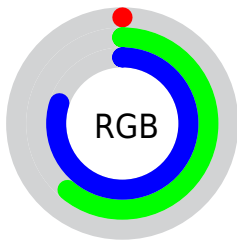
Format	Color
R _Y B	0, 88, 204
Decimal	40140
CIE Lab	60.01, -17.02, -34.14
CIE LCh	60, 38.148, 243.499
Yxy	28.1366, 0.2030, 0.2506
Android (android.graphics.Color)	4278230220 (0xFF009CCC)
YUV	114.8280, 43.9618, -100.7042
Hunter-Lab	53.0439, -16.1436, -31.4508

Details

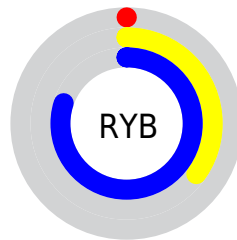
The Hex color **009CCC** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **CC3000**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **64D3FF**, and **006996** is the 20% darker color. If you saturate the color by 10%, you get **009CCC**, and if you desaturate by 10%, it is **14A1CC**.

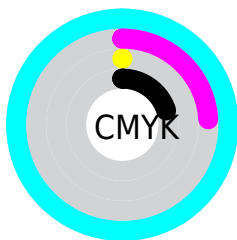
Distribution



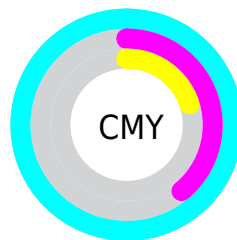
- Red (0%)
- Green (61%)
- Blue (80%)



- Red (0%)
- Yellow (35%)
- Blue (80%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 009CCC

 009CCC

FFFFFF

 0082B0

 64D3FF

 006996

 84EFFF

 00517C

 A3FFFF

 003A62

 C2FFFF

 00244A

 E1FFFF

 000434

 00021E

 000000

 009CCC

■ 14A1CC

■ 29A6CC

■ 3DAACC

■ 52AFCC

■ 66B4CC

■ 7AB9CC

■ 8FBECC

■ A3C2CC

■ B8C7CC

Harmonies

Analogous

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



00A1B5



009CCC



6393D3

Triad

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



009CCC



D0758E



7F9A57

Complementary

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



009CCC



CC3000

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.



A2904C



009CCC



CF7A6D

Square

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



009CCC



BE7BAF



BE8455



55A071

Rectangle

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



009CCC



898BCE



BE8455



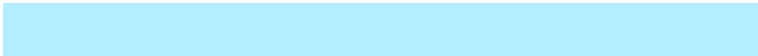
8B9751

Sweetspot

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



009CCC



B3EDFF



00CC30



527580



000000



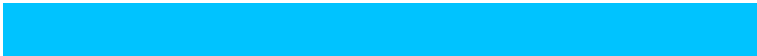
808080

Same Dimension

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



009CCC



00C3FF



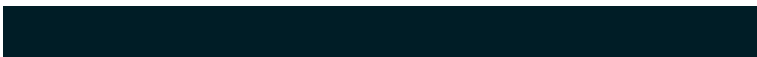
0036CC



5C6466



007FA6



001D26

Inverse Universe

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



CC009C



FF00C3



CC9600



665C64



A6007F



26001D

Previews

White Background



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

Color Contrast Check

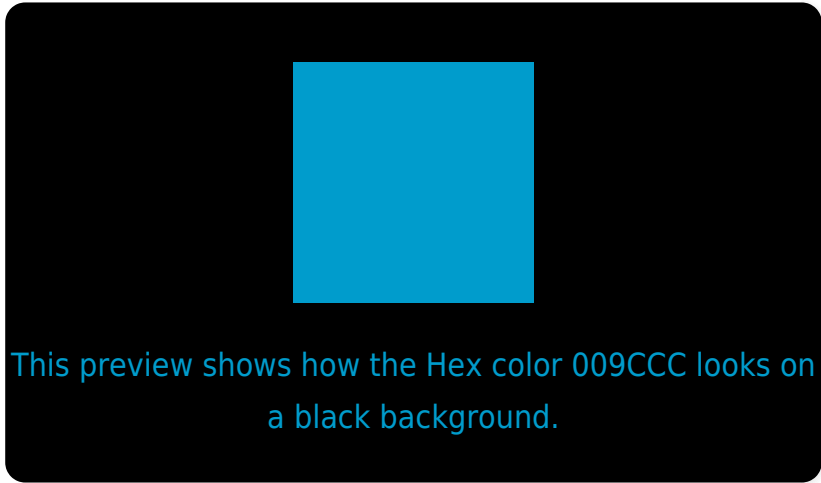
Large Text (above 18pt) WCAG AA ✓ Pass

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

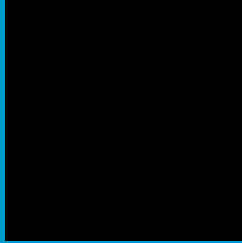
Any Text WCAG AA ✓ Pass

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 009CCC Background



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



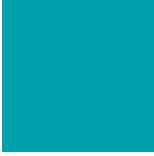
This preview shows how white text looks on a background with the Hex color 009CCC.

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](#).

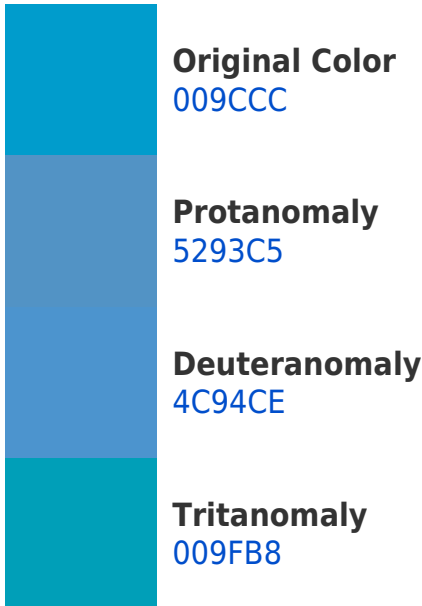
Dichromacy





Tritanopia
00A0AC

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #009CCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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