

Converting Colors

Hex(009CCA)

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

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Color

Hex(009CCA)

Conversions

Conversions Part 1

Format	Color
Hex	009CCA
RGB	0, 156, 202
RGB Percent	0%, 61%, 79%
CMY	1.0000, 0.3882, 0.2078
CMYK	1.00, 0.23, 0.00, 0.21
HSL	194°, 100%, 40%
HSV	194°, 100%, 79%
XYZ	22.5491, 28.0412, 60.1011
YIQ	114.6000, -107.7420, -18.7660

Conversions

Conversions Part 2

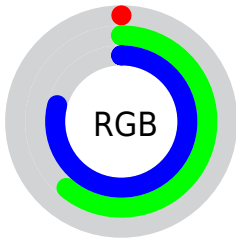
Format	Color
RYB	0, 88, 202
Decimal	40138
CIELab	59.93, -17.74, -33.15
CIELCh	60, 37.601, 241.851
Yxy	28.0412, 0.2037, 0.2533
Android (android.graphics.Color)	4278230218 (0xFF009CCA)
YUV	114.6000, 43.0882, -100.5042
Hunter-Lab	52.9539, -16.6596, -30.2246

Details

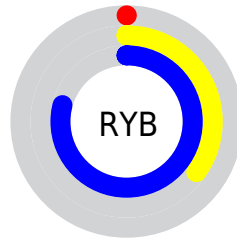
The Hex color **009CCA** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **CA2E00**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **64D3FF**, and **006994** is the 20% darker color. If you saturate the color by 10%, you get **009CCA**, and if you desaturate by 10%, it is **14A1CA**.

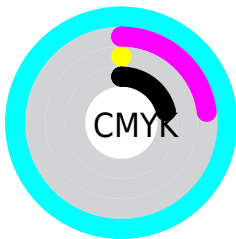
Distribution



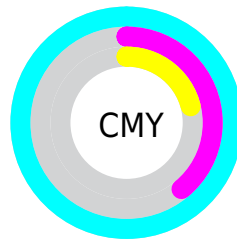
- Red (0%)
- Green (61%)
- Blue (79%)



- Red (0%)
- Yellow (35%)
- Blue (79%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (39%)
- Yellow (21%)

Brightness & Saturation Gradients

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

 009CCA

 009CCA

FFFFFF

 0082AE

 64D3FF

 006994

 84EFFF

 00517A

 A3FFFF

 003961

 C1FFFF

 002449

 E0FFFF

 000432

 00021C

 000000

 009CCA

 14A1CA

 28A5CA

 3DAACA

 51AECA

 65B3CA

 79B8CA

 8DBCCA

 A2C1CA

 B6C5CA

Harmonies

Analogous

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



00A1B2



009CCA



6093D2

Triad

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



009CCA



CE7690



819957

Complementary

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



009CCA



CA2E00

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.



A38F4D



009CCA



CE796F

Square

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



009CCA



BB7BB0



BE8357



589F70

Rectangle

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



009CCA



868BCE



BE8357



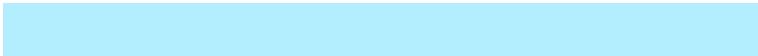
8D9651

Sweetspot

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



009CCA



B3EEFF



00CA2C



527580



000000



808080

Same Dimension

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



009CCA



00C5FF



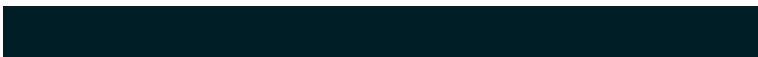
0039CA



5C6466



0080A6



001E26

Inverse Universe

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



CA009C



FF00C5



CA9100



665C64



A60080



26001E

Previews

White Background



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

Color Contrast Check

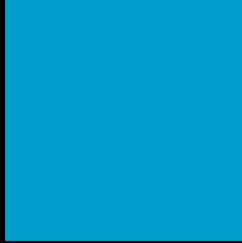
Large Text (above 18pt) WCAG AA ✓ Pass

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 009CCA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

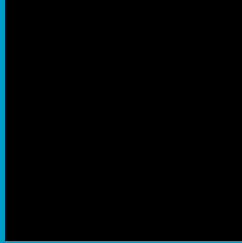
Any Text WCAG AA ✓ Pass

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 009CCA Background



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

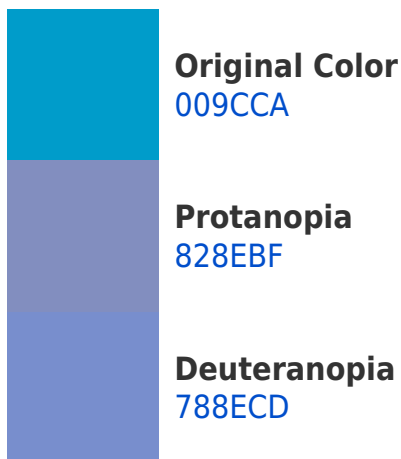


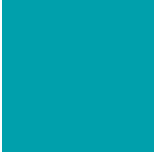
This preview shows how white text looks on a background with the Hex color 009CCA.

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](#).

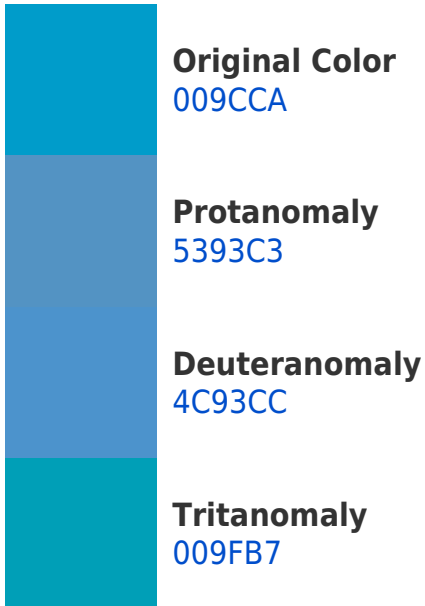
Dichromacy





Tritanopia
00A0AC

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #009CCA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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