

Converting Colors

Hex(009CDD)

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

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Color

Hex(009CDD)

Conversions

Conversions Part 1

Format	Color
Hex	009CDD
RGB	0, 156, 221
RGB Percent	0%, 61%, 87%
CMY	1.0000, 0.3882, 0.1333
CMYK	1.00, 0.29, 0.00, 0.13
HSL	198°, 100%, 43%
HSV	198°, 100%, 87%
XYZ	24.9396, 28.9974, 72.6892
YIQ	116.7660, -113.8410, -12.8570

Conversions

Conversions Part 2

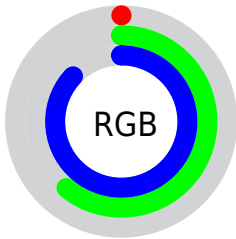
Format	Color
RYB	0, 91, 221
Decimal	40157
CIELab	60.78, -10.84, -42.42
CIELCh	61, 43.783, 255.659
Yxy	28.9974, 0.1970, 0.2290
Android (android.graphics.Color)	4278230237 (0xFF009CDD)
YUV	116.7660, 51.3874, -102.4038
Hunter-Lab	53.8492, -11.5660, -42.3391

Details

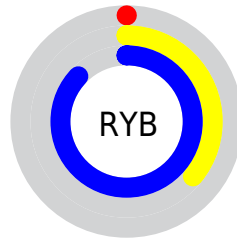
The Hex color **009CDD** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **DD4100**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **68D2FF**, and **0069A6** is the 20% darker color. If you saturate the color by 10%, you get **009CDD**, and if you desaturate by 10%, it is **16A3DD**.

Distribution



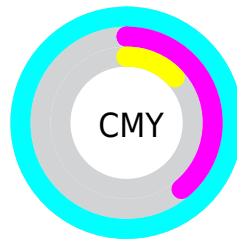
- Red (0%)
- Green (61%)
- Blue (87%)



- Red (0%)
- Yellow (36%)
- Blue (87%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (39%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 009CDD

 009CDD

FFFFFF

 0082C1

 68D2FF

 0069A6

 89EFFF

 00518B

 A8FFFF

 003A71

 C7FFFF

 002558

 E6FFFF

 000C41

 00032A

 000114

 000000

 009CDD

 16A3DD

 2CA9DD

 42B0DD

 58B6DD

 6FBDDD

 85C3DD

 9BCADD

 B1D0DD

 C7D7DD

Harmonies

Analogous

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



00A4C9



009CDD



7790DD

Triad

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



009CDD



DC7380



6AA05B

Complementary

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



009CDD



DD4100

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.



969745



009CDD



D37C5D

Square

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



009CDD



D175A7



BA8A47



2BA57E

Rectangle

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



009CDD



9F86D2



BA8A47



7A9D52

Sweetspot

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



009CDD



B3E9FF



00DD3F



527280



000000



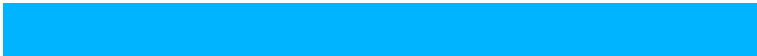
808080

Same Dimension

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



009CDD



00B4FF



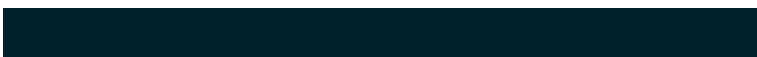
0030DD



636A6E



007AAD



00202E

Inverse Universe

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



DD009C



FF00B4



DDAD00



6E636A



AD007A



2E0020

Previews

White Background



This preview shows how the Hex color 009CDD 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 009CDD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

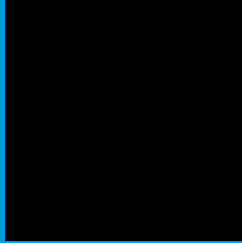
Any Text WCAG AA ✓ Pass

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 009CDD Background



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

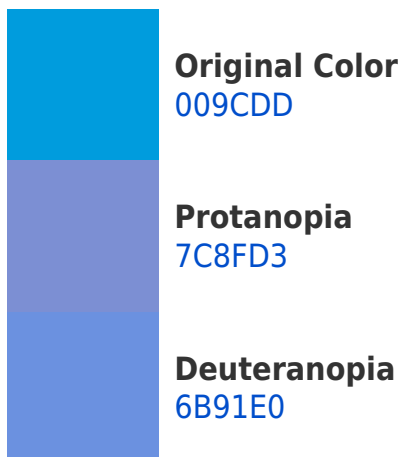


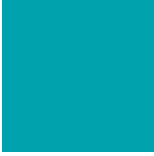
This preview shows how white text looks on a background with the Hex color 009CDD.

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](#).

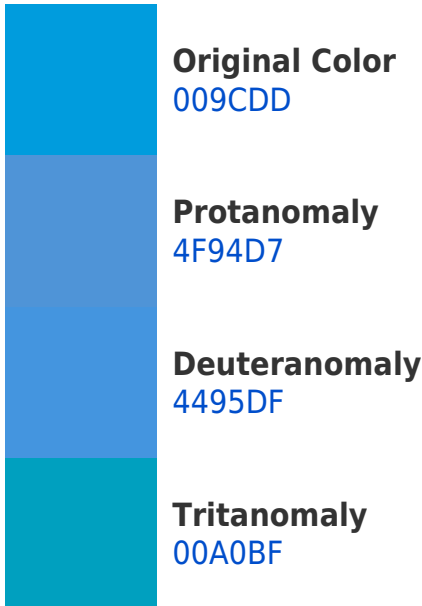
Dichromacy





Tritanopia
00A2AE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #009CDD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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