

Converting Colors

Hex(009CED)

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

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Color

Hex(009CED)

Conversions

Conversions Part 1

Format	Color
Hex	009CED
RGB	0, 156, 237
RGB Percent	0%, 61%, 93%
CMY	1.0000, 0.3882, 0.0706
CMYK	1.00, 0.34, 0.00, 0.07
HSL	201°, 100%, 46%
HSV	201°, 100%, 93%
XYZ	27.1745, 29.8914, 84.4581
YIQ	118.5900, -118.9770, -7.8810

Conversions

Conversions Part 2

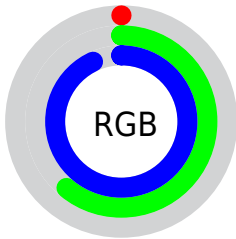
Format	Color
RYB	0, 94, 237
Decimal	40173
CIELab	61.56, -4.92, -50.04
CIELCh	62, 50.279, 264.383
Yxy	29.8914, 0.1920, 0.2112
Android (android.graphics.Color)	4278230253 (0xFF009CED)
YUV	118.5900, 58.3761, -104.0034
Hunter-Lab	54.6730, -6.9565, -53.3193

Details

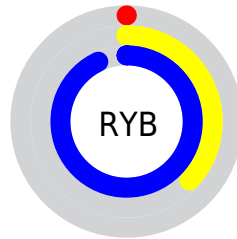
The Hex color **009CED** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **ED5100**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6CD2FF**, and **0069B5** is the 20% darker color. If you saturate the color by 10%, you get **009CED**, and if you desaturate by 10%, it is **18A4ED**.

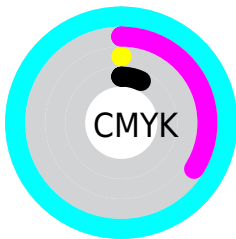
Distribution



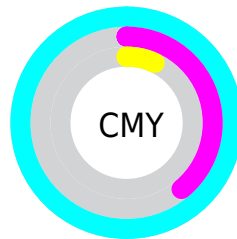
- Red (0%)
- Green (61%)
- Blue (93%)



- Red (0%)
- Yellow (37%)
- Blue (93%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (39%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 009CED

 009CED

FFFFFF

 0082D0

 6CD2FF

 0069B5

 8DEEFF

 005199

 ADFFFF

 003B7F


 CDFFFF

 002665

 ECFFFF

 00114D

 000535

 00021F

 000002

 009CED

 18A4ED

 2FACED

 47B4ED

 5FBCED

 76C4ED

 8ECDED

 A6D5ED

 BEDDED

 D5E5ED

Harmonies

Analogous

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



00A6DC



009CED



898CE6

Triad

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



009CED



E77172



53A65F

Complementary

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



009CED



ED5100

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.



8A9D3F



009CED



D67F4D

Square

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



009CED



E26F9F



B58F38



00AA8B

Rectangle

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



009CED



B380D5



B58F38



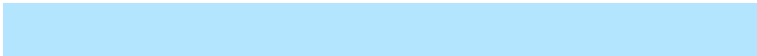
67A452

Sweetspot

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



009CED



B3E5FF



00ED4F



527080



000000



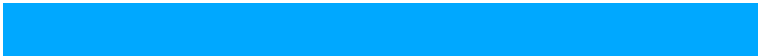
808080

Same Dimension

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



009CED



00A8FF



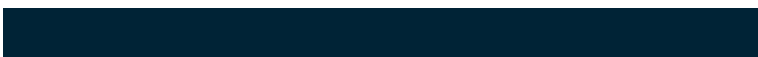
0028ED



6A7175



0077B5



002336

Inverse Universe

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



ED009C



FF00A8



EDC500



756A71



B50077



360023

Previews

White Background



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

Color Contrast Check

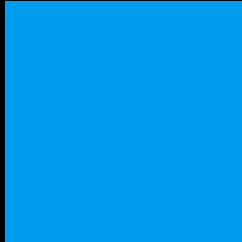
Large Text (above 18pt) WCAG AA ✓ Pass

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 009CED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

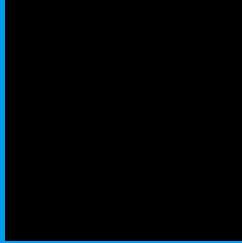
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

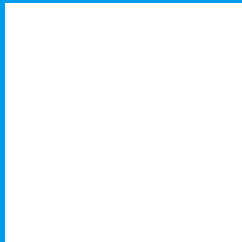
Any Text WCAG AAA × Fail

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

Hex 009CED Background



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

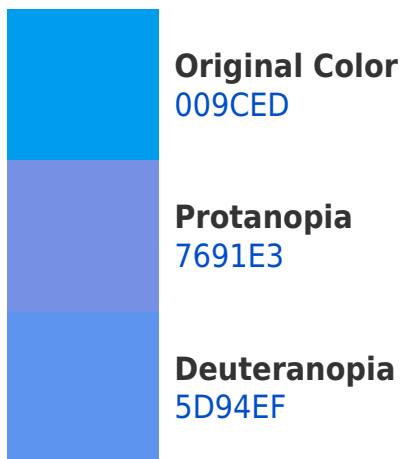


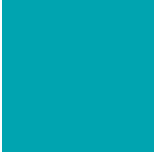
This preview shows how white text looks on a background with the Hex color 009CED.

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
00A4B0

Trichromacy



Original Color
009CED



Protanomaly
4B95E7



Deuteranomaly
3B97EE



Tritanomaly
00A1C6

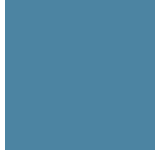
Monochromacy



Original Color
009CED



Achromatopsia
777777



Achromatomaly
4C84A2

CSS Examples

Text

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

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

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 #009CED colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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