

# Converting Colors

Hex(009EE0)

Have a look what the booklet for  
Hex(009EE0) contains.

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# Color

**Hex(009EE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009EE0
RGB	0, 158, 224
RGB Percent	0%, 62%, 88%
CMY	1.0000, 0.3804, 0.1216
CMYK	1.00, 0.29, 0.00, 0.12
HSL	198°, 100%, 44%
HSV	198°, 100%, 88%
XYZ	25.6814, 29.8355, 74.9263
YIQ	118.2820, -115.3540, -12.9700

# Conversions

## Conversions Part 2

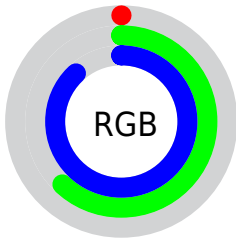
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 93, 224
Decimal	40672
CIELab	61.51, -10.86, -42.93
CIELCh	62, 44.283, 255.804
Yxy	29.8355, 0.1969, 0.2287
Android (android.graphics.Color)	4278230752 (0xFF009EE0)
YUV	118.2820, 52.1190, -103.7333
Hunter-Lab	54.6219, -11.6636, -43.0943

# Details

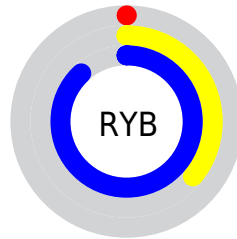
The Hex color **009EE0** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **E04200**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **69D4FF**, and **006BA8** is the 20% darker color. If you saturate the color by 10%, you get **009EE0**, and if you desaturate by 10%, it is **16A5E0**.

# Distribution



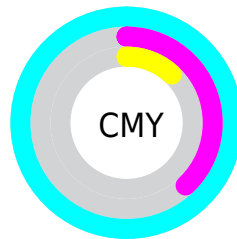
- Red (0%)
- Green (62%)
- Blue (88%)



- Red (0%)
- Yellow (36%)
- Blue (88%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (38%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 009EE0 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 009EE0 by changing the saturation by 10% instead.



 009EE0

 009EE0

FFFFFF

 0084C4

 69D4FF

 006BA8

 8AF1FF

 00538E

 A9FFFF

 003C74

 C8FFFF

 00275B

 E8FFFF

 001043

 00032C

 000116

 000000

 009EE0

 16A5E0

 2DABE0

 43B2E0

 5AB8E0

 70BFE0

 86C6E0

 9DCCE0

 B3D3E0

 CAD9E0

# Harmonies

## Analogous

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



00A6CC



009EE0



7991E0

# Triad

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



009EE0



DF7481



6CA25C

# Complementary

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



009EE0



E04200

# 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.



989946



009EE0



D57E5E

# Square

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



009EE0



D476A9



BC8C47



2BA780

# Rectangle

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



009EE0



A287D4



BC8C47



7BA053

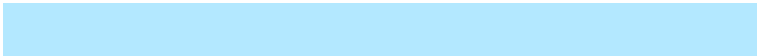


# Sweetspot

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



009EE0



B3E8FF



00E03F



527280



000000



808080

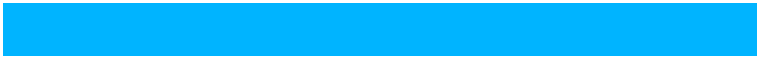


# Same Dimension

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



009EE0



00B4FF



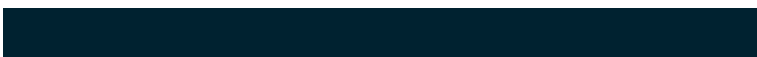
0031E0



656D70



007CB0



002230



# Inverse Universe

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



E0009E



FF00B4



E0AF00



70656D



B0007C



300022



# Previews

## White Background



This preview shows how the Hex color 009EE0 looks on a white background.

## Color Contrast Check

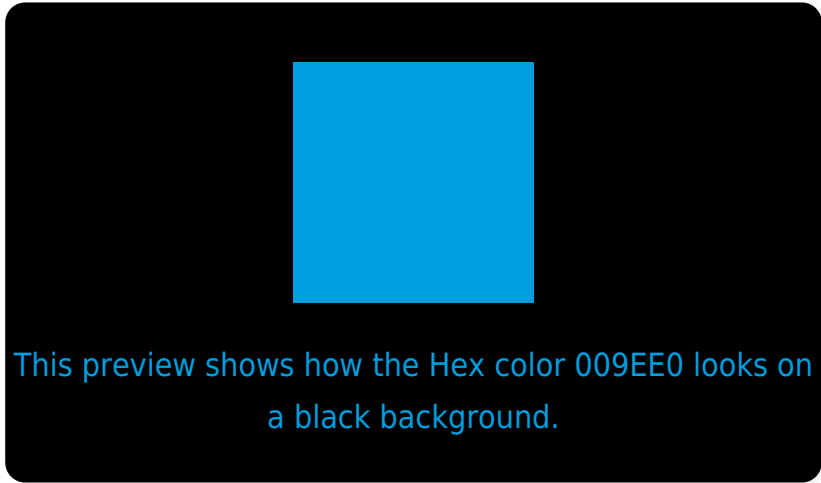
Large Text (above 18pt) WCAG AA ✓ Pass

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

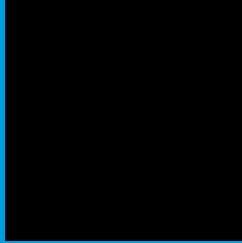
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 009EE0 Background



This preview shows how black text looks on a background with the Hex color 009EE0.

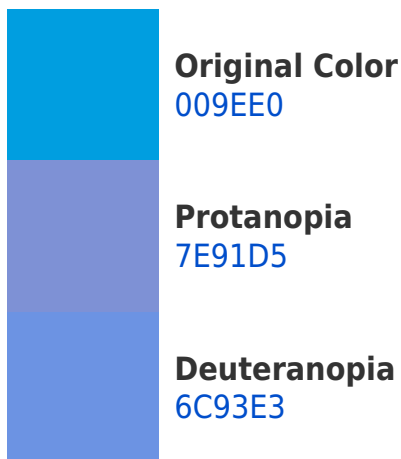


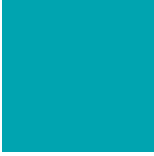
This preview shows how white text looks on a background with the Hex color 009EE0.

# 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**

009EE0



**Protanomaly**

5096D9



**Deuteranomaly**

4597E2



**Tritanomaly**

00A2C1

# Monochromacy



**Original Color**

009EE0



**Achromatopsia**

767676



**Achromatomaly**

4B859D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009EE0 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 #009EE0 looks like.

```
.text, #text, p{  
    color:#009EE0  
}
```

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 #009EE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009EE0
}
```

## Border

The CSS property to change the border of an element to Hex 009EE0 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
#009EE0 }
```

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

```
.border{ border-color:#009EE0 }
```

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

Here you see how a box with a 4 pixel #009EE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009EE0; -webkit-box-shadow:4px 4px  
4px 4px #009EE0; box-shadow:4px 4px 4px  
4px #009EE0 }
```

# Background

The CSS property to change the background color of an element to Hex 009EE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009EE0 }
```

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

```
.background{ background-color:#009EE0 }
```

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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