

# Converting Colors

Hex(009EE3)

Have a look what the booklet for  
Hex(009EE3) contains.

<b>Hex(009EE3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(009EE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009EE3
RGB	0, 158, 227
RGB Percent	0%, 62%, 89%
CMY	1.0000, 0.3804, 0.1098
CMYK	1.00, 0.30, 0.00, 0.11
HSL	198°, 100%, 45%
HSV	198°, 100%, 89%
XYZ	26.0920, 29.9998, 77.0884
YIQ	118.6240, -116.3170, -12.0370

# Conversions

## Conversions Part 2

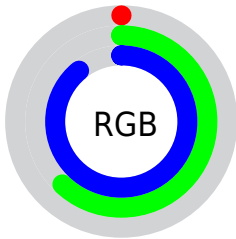
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 93, 227
Decimal	40675
CIELab	61.65, -9.76, -44.37
CIELCh	62, 45.428, 257.596
Yxy	29.9998, 0.1959, 0.2253
Android (android.graphics.Color)	4278230755 (0xFF009EE3)
YUV	118.6240, 53.4294, -104.0332
Hunter-Lab	54.7720, -10.8183, -45.1067

# Details

The Hex color **009EE3** 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 **E34500**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **69D4FF**, and **006BAB** is the 20% darker color. If you saturate the color by 10%, you get **009EE3**, and if you desaturate by 10%, it is **17A5E3**.

# Distribution



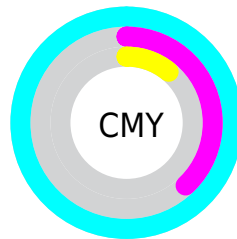
- Red (0%)
- Green (62%)
- Blue (89%)



- Red (0%)
- Yellow (36%)
- Blue (89%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (11%)




- Cyan (100%)
- Magenta (38%)
- Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 009EE3 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 009EE3 by changing the saturation by 10% instead.



 009EE3

 009EE3

FFFFFF

 0084C7

 69D4FF

 006BAB

 8AF1FF

 005390

 AAFFFF

 003C76

 C9FFFF

 00275D

 E9FFFF

 001145

 00042E

 000118

 000000

■ 009EE3

■ 17A5E3

■ 2DACE3

■ 44B3E3

■ 5BBAE3

■ 72C1E3

■ 88C7E3

■ 9FCEE3

■ B6D5E3

■ CCDCE3

# Harmonies

## Analogous

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



00A6CF



009EE3



7D91E2

# Triad

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



009EE3



E1747F



68A35D

# Complementary

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



009EE3



E34500

# 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.



969A45



009EE3



D67E5B

# Square

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



009EE3



D775A7



BB8D45



1DA882

# Rectangle

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



009EE3



A686D5



BB8D45



78A153

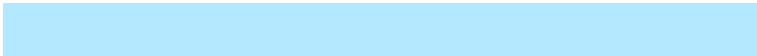


# Sweetspot

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



009EE3



B3E8FF



00E344



527280



000000



808080

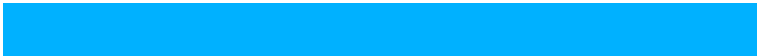


# Same Dimension

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



009EE3



00B1FF



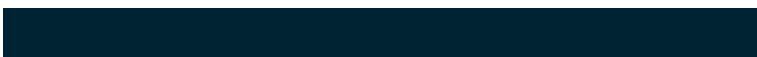
002DE3



676F73



007CB3



002333



# Inverse Universe

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



E3009E



FF00B1



E3B600



73676F



B3007C



330023



# Previews

## White Background



This preview shows how the Hex color 009EE3 looks on a white background.

## Color Contrast Check

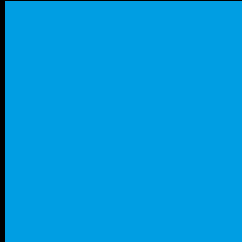
Large Text (above 18pt) WCAG AA ✓ Pass

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 009EE3 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 ✓ Pass

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



## Hex 009EE3 Background



This preview shows how black text looks on a background with the Hex color 009EE3.

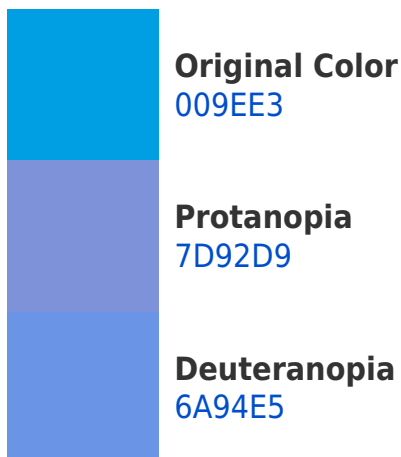


This preview shows how white text looks on a background with the Hex color 009EE3.

# 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](#).

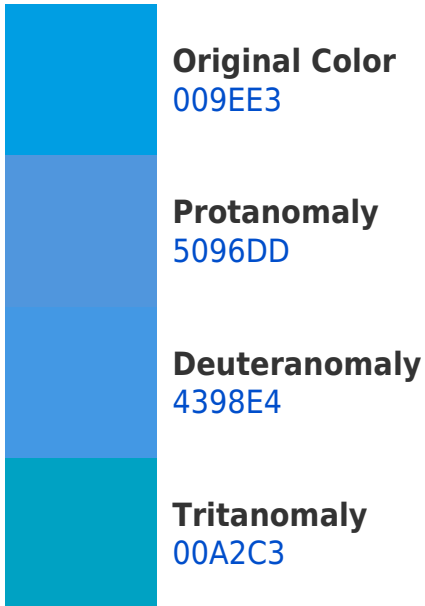
## Dichromacy



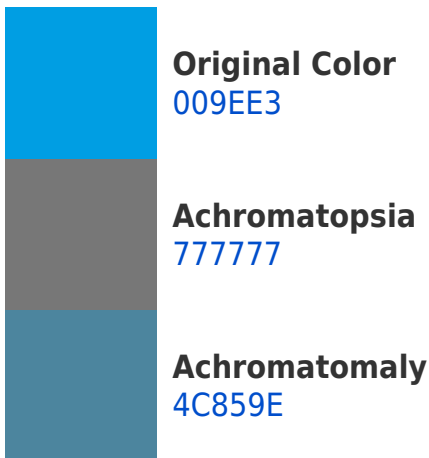


**Tritanopia**  
00A5B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009EE3 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 #009EE3 looks like.

```
.text, #text, p{  
    color:#009EE3  
}
```

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 #009EE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009EE3
}
```

## Border

The CSS property to change the border of an element to Hex 009EE3 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
#009EE3 }
```

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

```
.border{ border-color:#009EE3 }
```

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

Here you see how a box with a 4 pixel #009EE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009EE3; -webkit-box-shadow:4px 4px  
4px 4px #009EE3; box-shadow:4px 4px 4px  
4px #009EE3 }
```

# Background

The CSS property to change the background color of an element to Hex 009EE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009EE3 }
```

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

```
.background{ background-color:#009EE3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor