

# Converting Colors

Hex(009EE7)

Have a look what the booklet for  
Hex(009EE7) contains.

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# **Color**

**Hex(009EE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009EE7
RGB	0, 158, 231
RGB Percent	0%, 62%, 91%
CMY	1.0000, 0.3804, 0.0941
CMYK	1.00, 0.32, 0.00, 0.09
HSL	199°, 100%, 45%
HSV	199°, 100%, 91%
XYZ	26.6507, 30.2232, 80.0303
YIQ	119.0800, -117.6010, -10.7930

# Conversions

## Conversions Part 2

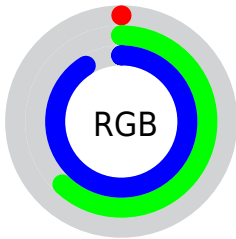
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 94, 231
Decimal	40679
CIELab	61.85, -8.28, -46.28
CIElCh	62, 47.011, 259.850
Yxy	30.2232, 0.1947, 0.2208
Android (android.graphics.Color)	4278230759 (0xFF009EE7)
YUV	119.0800, 55.1766, -104.4332
Hunter-Lab	54.9757, -9.6756, -47.8279

# Details

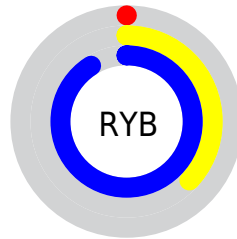
The Hex color **009EE7** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **E74900**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6AD4FF**, and **006BAF** is the 20% darker color. If you saturate the color by 10%, you get **009EE7**, and if you desaturate by 10%, it is **17A5E7**.

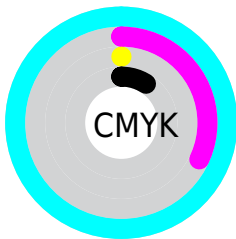
# Distribution



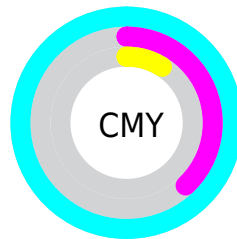
- Red (0%)
- Green (62%)
- Blue (91%)



- Red (0%)
- Yellow (37%)
- Blue (91%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (9%)




- Cyan (100%)
- Magenta (38%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 009EE7 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 009EE7 by changing the saturation by 10% instead.



 009EE7

 009EE7


FFFFFF

 0084CB

 6AD4FF

 006BAF

 8BF1FF

 005394

 ABFFFF


 003C7A


 CBFFFF

 002761

 EAFFFF

 001348

 000431

 00011B

 000000

■ 009EE7

■ 17A5E7

■ 2EADE7

■ 45B4E7

■ 5CBBE7

■ 74C3E7

■ 8BCAE7

■ A2D1E7

■ B9D8E7

■ D0E0E7

# Harmonies

## Analogous

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



00A7D4



009EE7



8190E4

# Triad

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



009EE7



E4737B



62A55E

# Complementary

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



009EE7



E74900

# 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.



939C44



009EE7



D77F57

# Square

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



009EE7



DB74A5



BA8E41



00AA85

# Rectangle

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



009EE7



AB85D6



BA8E41



74A253

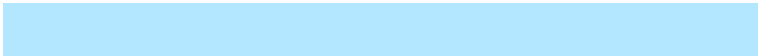


# Sweetspot

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



009EE7



B3E7FF



00E745



527180



000000



808080

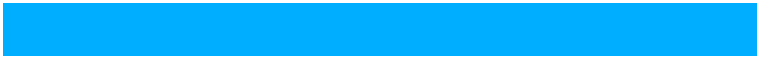


# Same Dimension

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



009EE7



00AEFF



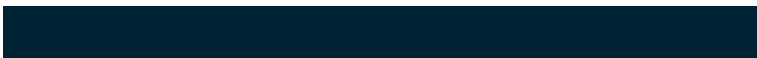
002EE7



676F73



007AB3



002333



# Inverse Universe

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



E7009E



FF00AE



E7B900



73676F



B3007A



330023



# Previews

## White Background



This preview shows how the Hex color 009EE7 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 009EE7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

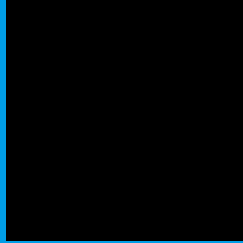
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 009EE7 Background



This preview shows how black text looks on a background with the Hex color 009EE7.



This preview shows how white text looks on a background with the Hex color 009EE7.

# 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



# Trichromacy



**Original Color**  
009EE7

**Protanomaly**  
4E96E1

**Deuteranomaly**  
4298E8

# Monochromacy



**Original Color**  
009EE7

**Achromatopsia**  
777777

**Achromatomaly**  
4C85A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009EE7 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 #009EE7 looks like.

```
.text, #text, p{  
    color:#009EE7  
}
```

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 #009EE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009EE7
}
```

## Border

The CSS property to change the border of an element to Hex 009EE7 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
#009EE7 }
```

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

```
.border{ border-color:#009EE7 }
```

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

Here you see how a box with a 4 pixel #009EE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009EE7; -webkit-box-shadow:4px 4px  
4px 4px #009EE7; box-shadow:4px 4px 4px  
4px #009EE7 }
```

# Background

The CSS property to change the background color of an element to Hex 009EE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009EE7 }
```

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

```
.background{ background-color:#009EE7 }
```

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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