

# Converting Colors

Hex(0091EE)

Have a look what the booklet for  
Hex(0091EE) contains.

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# Color

**Hex(0091EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0091EE
RGB	0, 145, 238
RGB Percent	0%, 57%, 93%
CMY	1.0000, 0.4314, 0.0667
CMYK	1.00, 0.39, 0.00, 0.07
HSL	203°, 100%, 47%
HSV	203°, 100%, 93%
XYZ	25.5580, 26.4238, 84.6422
YIQ	112.2470, -116.2730, -1.8170

# Conversions

## Conversions Part 2

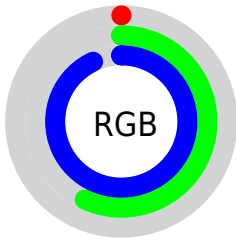
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 90, 238
Decimal	37358
CIE Lab	58.44, 1.88, -55.56
CIE LCh	58, 55.588, 271.933
Yxy	26.4238, 0.1871, 0.1934
Android (android.graphics.Color)	4278227438 (0xFF0091EE)
YUV	112.2470, 61.9962, -98.4406
Hunter-Lab	51.4041, -1.2074, -61.6442

# Details

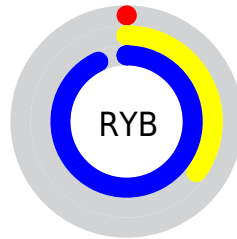
The Hex color **0091EE** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **EE5D00**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **6CC6FF**, and **005FB5** is the 20% darker color. If you saturate the color by 10%, you get **0091EE**, and if you desaturate by 10%, it is **189AEE**.

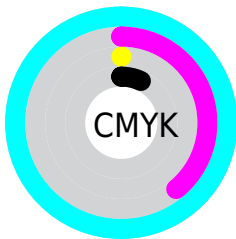
# Distribution



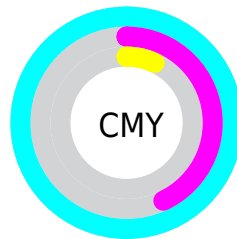
- Red (0%)
- Green (57%)
- Blue (93%)



- Red (0%)
- Yellow (35%)
- Blue (93%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (43%)
- Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0091EE 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 0091EE by changing the saturation by 10% instead.



 0091EE

 0091EE

FFFFFF

 0078D1

 6CC6FF

 005FB5

 8DE2FF

 00489A

 ADFFFF

 003380


 CDFFFF

 001F66

 ECFFFF

 000A4D

 000536

 00021F

 000003

■ 0091EE

■ 189AEE

■ 30A4EE

■ 47ADEE

■ 5FB6EE

■ 77C0EE

■ 8FC9EE

■ A7D2EE

■ BEDBEE

■ D6E5EE

# Harmonies

## Analogous

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



009DE2



0091EE



927EE0

# Triad

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



0091EE



E1665C



22A05C

# Complementary

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



0091EE



EE5D00

# 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.



729933



0091EE



CA7935

# Square

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



0091EE



E35F8B



A38B21



00A48E

# Rectangle

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



0091EE



BB70C9



A38B21



469E4D

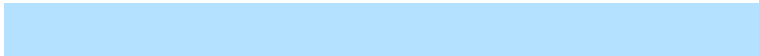


# Sweetspot

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



0091EE



B3E1FF



00EE5B



526E80



000000



808080



# Same Dimension

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



0091EE



009BFF



001CEE



6C7378



0070B8



002238



# Inverse Universe

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



EE0091



FF009B



EED200



786C73



B80070

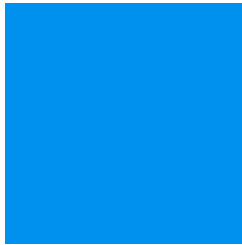


380022



# Previews

## White Background



This preview shows how the Hex color 0091EE looks on a white background.

## Color Contrast Check

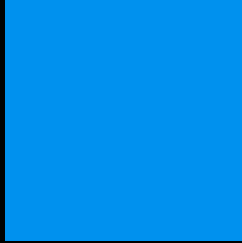
Large Text (above 18pt) WCAG AA ✓ Pass

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 0091EE 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 0091EE Background



This preview shows how black text looks on a background with the Hex color 0091EE.



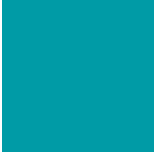
This preview shows how white text looks on a background with the Hex color 0091EE.

# 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**  
009BA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0091EE 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 #0091EE looks like.

```
.text, #text, p{  
    color:#0091EE  
}
```

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 #0091EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0091EE
}
```

## Border

The CSS property to change the border of an element to Hex 0091EE 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
#0091EE }
```

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

```
.border{ border-color:#0091EE }
```

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

Here you see how a box with a 4 pixel #0091EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0091EE; -webkit-box-shadow:4px 4px  
4px 4px #0091EE; box-shadow:4px 4px 4px  
4px #0091EE }
```

# Background

The CSS property to change the background color of an element to Hex 0091EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0091EE }
```

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

```
.background{ background-color:#0091EE }
```

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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