

# Converting Colors

Hex(008EE1)

Have a look what the booklet for  
Hex(008EE1) contains.

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# Color

**Hex(008EE1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008EE1
RGB	0, 142, 225
RGB Percent	0%, 56%, 88%
CMY	1.0000, 0.4431, 0.1176
CMYK	1.00, 0.37, 0.00, 0.12
HSL	202°, 100%, 44%
HSV	202°, 100%, 88%
XYZ	23.2636, 24.7822, 74.7915
YIQ	109.0040, -111.2750, -4.2910

# Conversions

## Conversions Part 2

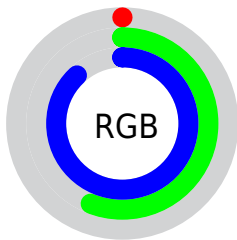
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 87, 225
Decimal	36577
CIELab	56.86, -1.30, -50.84
CIELCh	57, 50.857, 268.536
Yxy	24.7822, 0.1894, 0.2017
Android (android.graphics.Color)	4278226657 (0xFF008EE1)
YUV	109.0040, 57.1860, -95.5965
Hunter-Lab	49.7818, -3.7029, -54.2293

# Details

The Hex color **008EE1** 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 **E15300**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **68C3FF**, and **005CA9** is the 20% darker color. If you saturate the color by 10%, you get **008EE1**, and if you desaturate by 10%, it is **1696E1**.

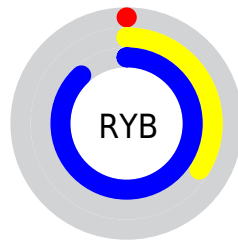
# Distribution



Red (0%)

Green (56%)

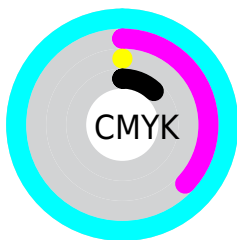
Blue (88%)



Red (0%)

Yellow (34%)

Blue (88%)

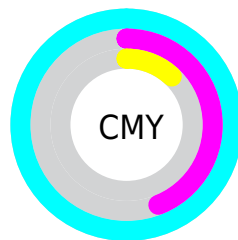


Cyan (100%)

Magenta (37%)

Yellow (0%)

Black (12%)



Cyan (100%)

Magenta (44%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008EE1 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 008EE1 by changing the saturation by 10% instead.



 008EE1

 008EE1

FFFFFF

 0075C5

 68C3FF

 005CA9

 89DFFF

 00458E

 A9FCFF

 003074

 C8FFFF

 001C5B

 E7FFFF

 000743

 00032C

 000116

 000000

■ 008EE1

■ 1696E1

■ 2D9FE1

■ 44A7E1

■ 5AAFE1

■ 71B8E1

■ 87C0E1

■ 9DC8E1

■ B4D0E1

■ CBD9E1

# Harmonies

## Analogous

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



0099D3



008EE1



867ED7

# Triad

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



008EE1



D86561



3A9A58

# Complementary

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



008EE1



E15300

# 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.



769235



008EE1



C4753D

# Square

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



008EE1



D7618C



A2852A



009E85

# Rectangle

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



008EE1



AE71C4



A2852A



52984B

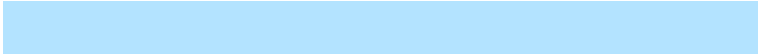


# Sweetspot

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



008EE1



B3E3FF



00E153



526F80



000000



808080

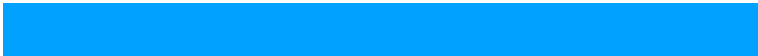


# Same Dimension

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



008EE1



00A1FF



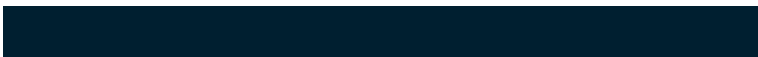
001EE1



656C70



006FB0



001F30



# Inverse Universe

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



E1008E



FF00A1



E1C300



70656C



B0006F



30001F



# Previews

## White Background



This preview shows how the Hex color 008EE1 looks on a white background.

## Color Contrast Check

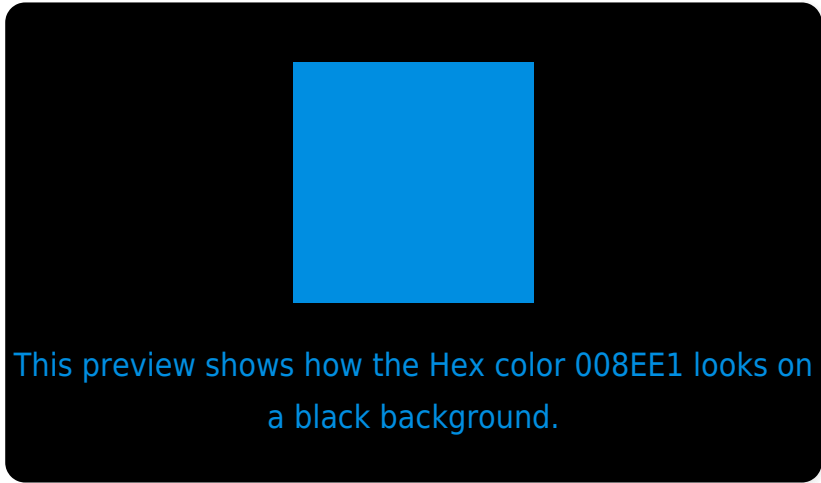
Large Text (above 18pt) WCAG AA ✓ Pass

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

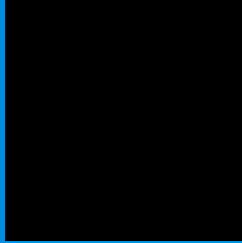
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

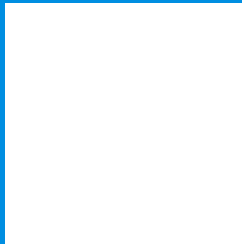
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 008EE1 Background



This preview shows how black text looks on a background with the Hex color 008EE1.



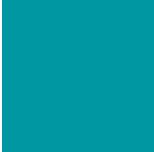
This preview shows how white text looks on a background with the Hex color 008EE1.

# 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](#).

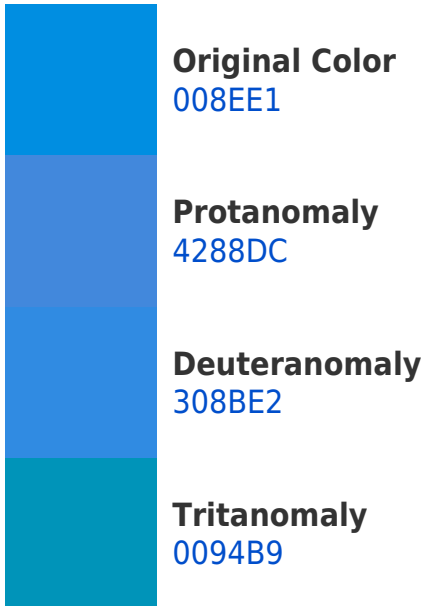
## Dichromacy





**Tritanopia**  
0097A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008EE1 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 #008EE1 looks like.

```
.text, #text, p{  
    color:#008EE1  
}
```

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 #008EE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008EE1
}
```

## Border

The CSS property to change the border of an element to Hex 008EE1 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
#008EE1 }
```

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

```
.border{ border-color:#008EE1 }
```

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

Here you see how a box with a 4 pixel #008EE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008EE1; -webkit-box-shadow:4px 4px  
4px 4px #008EE1; box-shadow:4px 4px 4px  
4px #008EE1 }
```

# Background

The CSS property to change the background color of an element to Hex 008EE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008EE1 }
```

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

```
.background{ background-color:#008EE1 }
```

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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