

# Converting Colors

Hex(008ED8)

Have a look what the booklet for  
Hex(008ED8) contains.

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# Color

**Hex(008ED8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008ED8
RGB	0, 142, 216
RGB Percent	0%, 56%, 85%
CMY	1.0000, 0.4431, 0.1529
CMYK	1.00, 0.34, 0.00, 0.15
HSL	201°, 100%, 42%
HSV	201°, 100%, 85%
XYZ	22.0677, 24.3039, 68.4938
YIQ	107.9780, -108.3860, -7.0900

# Conversions

## Conversions Part 2

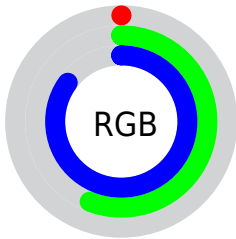
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 86, 216
Decimal	36568
CIELab	56.39, -4.72, -46.56
CIElCh	56, 46.794, 264.211
Yxy	24.3039, 0.1921, 0.2116
Android (android.graphics.Color)	4278226648 (0xFF008ED8)
YUV	107.9780, 53.2548, -94.6967
Hunter-Lab	49.2990, -6.3713, -47.8656

# Details

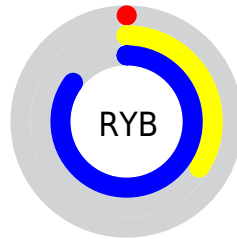
The Hex color **008ED8** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D84A00**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **66C3FF**, and **005CA1** is the 20% darker color. If you saturate the color by 10%, you get **008ED8**, and if you desaturate by 10%, it is **1695D8**.

# Distribution



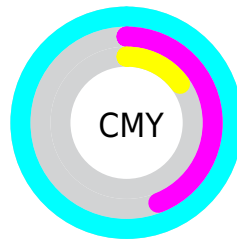
- Red (0%)
- Green (56%)
- Blue (85%)



- Red (0%)
- Yellow (34%)
- Blue (85%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (44%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008ED8 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 008ED8 by changing the saturation by 10% instead.



008ED8

008ED8

FFFFFF

0075BC

66C3FF

005CA1

87DFFF

004586

A6FCFF

002F6C

C5FFFF

001C54

E4FFFF

00063C

000225

00010E

000000

 008ED8

 1695D8

 2B9DD8

 41A4D8

 56ACD8

 6CB3D8

 82BAD8

 97C2D8

 ADC9D8

 C2D1D8

# Harmonies

## Analogous

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



0097C8



008ED8



7C80D2

# Triad

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



008ED8



D26668



4B9756

# Complementary

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



008ED8



D84A00

# 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.



7E8F39



008ED8



C37346

# Square

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



008ED8



CE6491



A58233



009B7E

# Rectangle

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



008ED8



A375C2



A58233



5E954A

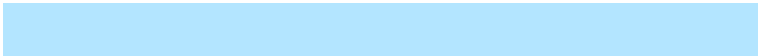


# Sweetspot

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



008ED8



B3E5FF



00D848



527080



000000



808080

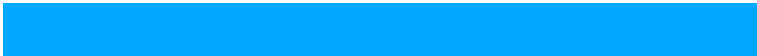


# Same Dimension

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



008ED8



00A8FF



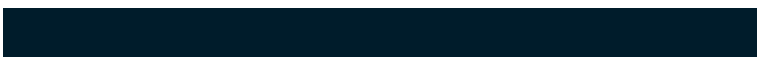
0024D8



60676B



0070AB



001C2B



# Inverse Universe

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



D8008E



FF00A8



D8B400



6B6067



AB0070



2B001C



# Previews

## White Background



This preview shows how the Hex color 008ED8 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 008ED8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

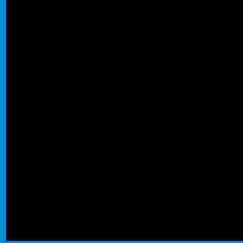
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008ED8 Background



This preview shows how black text looks on a background with the Hex color 008ED8.

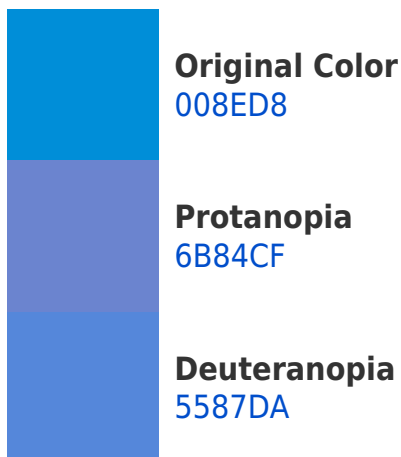


This preview shows how white text looks on a background with the Hex color 008ED8.

# 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**  
0096A0

# Trichromacy



**Original Color**  
008ED8



**Protanomaly**  
4488D2



**Deuteranomaly**  
368AD9



**Tritanomaly**  
0093B4

# Monochromacy



**Original Color**  
008ED8



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
457893

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008ED8 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 #008ED8 looks like.

```
.text, #text, p{  
    color:#008ED8  
}
```

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 #008ED8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008ED8
}
```

## Border

The CSS property to change the border of an element to Hex 008ED8 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
#008ED8 }
```

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

```
.border{ border-color:#008ED8 }
```

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

Here you see how a box with a 4 pixel #008ED8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008ED8; -webkit-box-shadow:4px 4px  
4px 4px #008ED8; box-shadow:4px 4px 4px  
4px #008ED8 }
```

# Background

The CSS property to change the background color of an element to Hex 008ED8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008ED8 }
```

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

```
.background{ background-color:#008ED8 }
```

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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