

Converting Colors

Hex(008EDE)

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

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Color

Hex(008EDE)

Conversions

Conversions Part 1

Format	Color
Hex	008EDE
RGB	0, 142, 222
RGB Percent	0%, 56%, 87%
CMY	1.0000, 0.4431, 0.1294
CMYK	1.00, 0.36, 0.00, 0.13
HSL	202°, 100%, 44%
HSV	202°, 100%, 87%
XYZ	22.8578, 24.6199, 72.6546
YIQ	108.6620, -110.3120, -5.2240

Conversions

Conversions Part 2

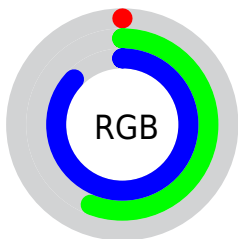
Format	Color
R _{YB}	0, 87, 222
Decimal	36574
CIE _{Lab}	56.70, -2.44, -49.42
CIE _{LCh}	57, 49.479, 267.172
Yxy	24.6199, 0.1903, 0.2049
Android (android.graphics.Color)	4278226654 (0xFF008EDE)
YUV	108.6620, 55.8756, -95.2966
Hunter-Lab	49.6185, -4.6025, -52.0834

Details

The Hex color **008EDE** 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 **DE5000**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **68C3FF**, and **005CA6** is the 20% darker color. If you saturate the color by 10%, you get **008EDE**, and if you desaturate by 10%, it is **1696DE**.

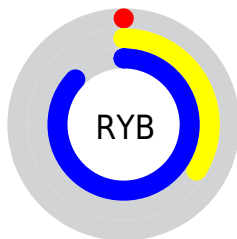
Distribution



Red (0%)

Green (56%)

Blue (87%)



Red (0%)

Yellow (34%)

Blue (87%)

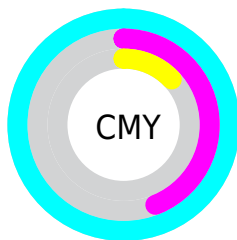


Cyan (100%)

Magenta (36%)

Yellow (0%)

Black (13%)



Cyan (100%)

Magenta (44%)

Yellow (13%)

Brightness & Saturation Gradients

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

 008EDE

 008EDE

FFFFFF

 0075C2

 68C3FF

 005CA6

 88DFFF

 00458C

 A8FCFF

 003072

 C7FFFF

 001C59

 E6FFFF

 000741

 00032A

 000114

 000000

 008EDE

 1696DE

 2C9EDE

 43A6DE

 59AEDE

 6FB6DE

 85BEDE

 9BC6DE

 B2CEDE

 C8D6DE

Harmonies

Analogous

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



0098D0



008EDE



837ED5

Triad

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



008EDE



D66663



409957

Complementary

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



008EDE



DE5000

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.



799137



008EDE



C47440

Square

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



008EDE



D4628E



A3842D



009D82

Rectangle

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



008EDE



AA72C3



A3842D



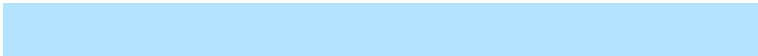
56974B

Sweetspot

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



008EDE



B3E3FF



00DE4E



526F80



000000



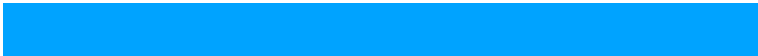
808080

Same Dimension

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



008EDE



00A3FF



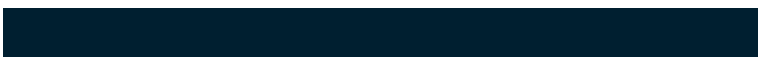
0021DE



656C70



0071B0



001F30

Inverse Universe

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



DE008E



FF00A3



DEBD00



70656C



B00071



30001F

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

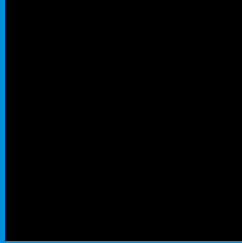
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

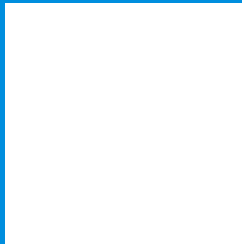
Any Text WCAG AAA × Fail

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

Hex 008EDE Background



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

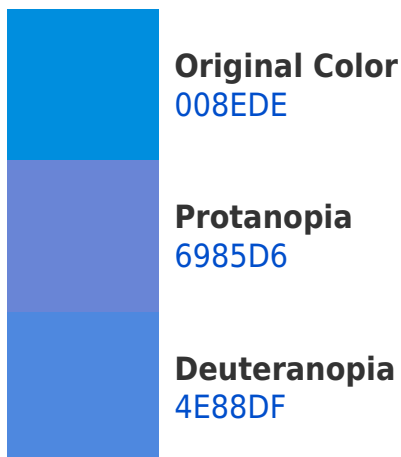


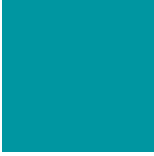
This preview shows how white text looks on a background with the Hex color 008EDE.

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](#).

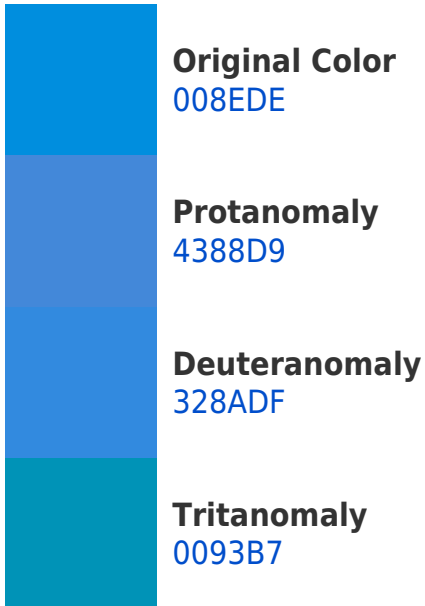
Dichromacy





Tritanopia
0096A1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #008EDE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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