

Converting Colors

Hex(008EDB)

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

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Color

Hex(008EDB)

Conversions

Conversions Part 1

Format	Color
Hex	008EDB
RGB	0, 142, 219
RGB Percent	0%, 56%, 86%
CMY	1.0000, 0.4431, 0.1412
CMYK	1.00, 0.35, 0.00, 0.14
HSL	201°, 100%, 43%
HSV	201°, 100%, 86%
XYZ	22.4592, 24.4605, 70.5555
YIQ	108.3200, -109.3490, -6.1570

Conversions

Conversions Part 2

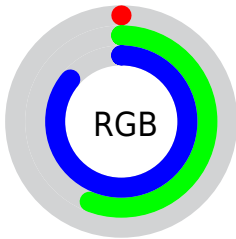
Format	Color
R _{YB}	0, 86, 219
Decimal	36571
CIE _{Lab}	56.55, -3.58, -47.99
CIE _{LCh}	57, 48.124, 265.732
Yxy	24.4605, 0.1912, 0.2082
Android (android.graphics.Color)	4278226651 (0xFF008EDB)
YUV	108.3200, 54.5652, -94.9966
Hunter-Lab	49.4575, -5.4920, -49.9620

Details

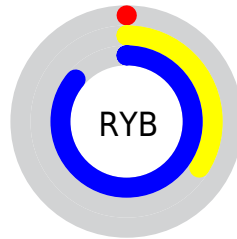
The Hex color **008EDB** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **DB4D00**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **67C3FF**, and **005CA3** is the 20% darker color. If you saturate the color by 10%, you get **008EDB**, and if you desaturate by 10%, it is **1696DB**.

Distribution



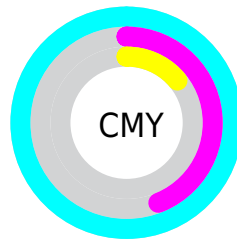
- Red (0%)
- Green (56%)
- Blue (86%)



- Red (0%)
- Yellow (34%)
- Blue (86%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (44%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 008EDB

 008EDB

FFFFFF

 0075BF

 67C3FF

 005CA3

 87DFFF

 004589

 A7FCFF

 002F6F

 C6FFFF

 001C56

 E5FFFF

 00063E

 000327

 000111

 000000

 008EDB

 1696DB

 2C9DDB

 42A5DB

 58ADDB

 6EB4DB

 83BCDB

 99C4DB

 AFCCDB

 C5D3DB

Harmonies

Analogous

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



0098CC



008EDB



807FD3

Triad

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



008EDB



D46666



469856

Complementary

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



008EDB



DB4D00

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.



7B9038



008EDB



C37443

Square

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



008EDB



D1638F



A48330



009C80

Rectangle

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



008EDB



A674C2



A48330



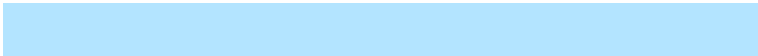
5A964A

Sweetspot

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



008EDB



B3E4FF



00DB4D



526F80



000000



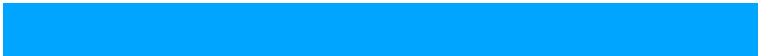
808080

Same Dimension

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



008EDB



00A5FF



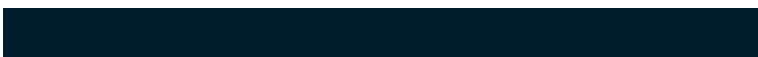
0021DB



636A6E



0070AD



001E2E

Inverse Universe

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



DB008E



FF00A5



DBBA00



6E636A



AD0070



2E001E

Previews

White Background



This preview shows how the Hex color 008EDB 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 008EDB 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 008EDB Background



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

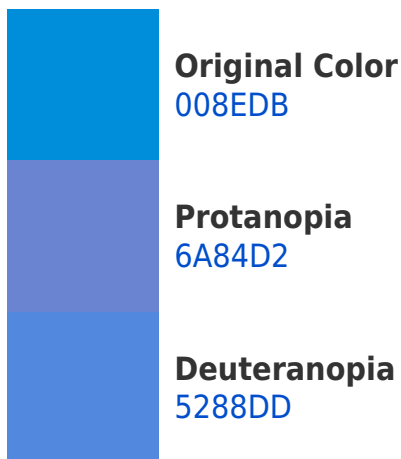


This preview shows how white text looks on a background with the Hex color 008EDB.

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](#).

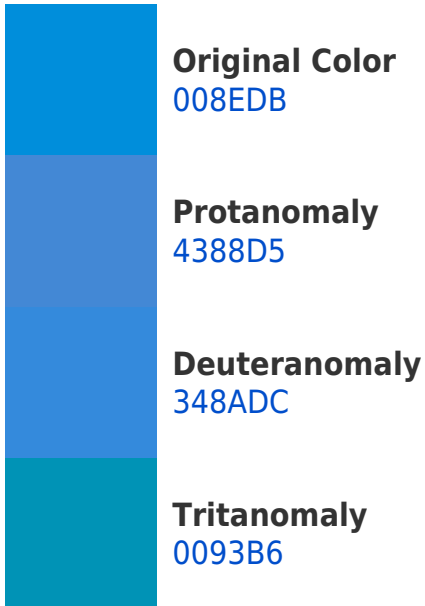
Dichromacy



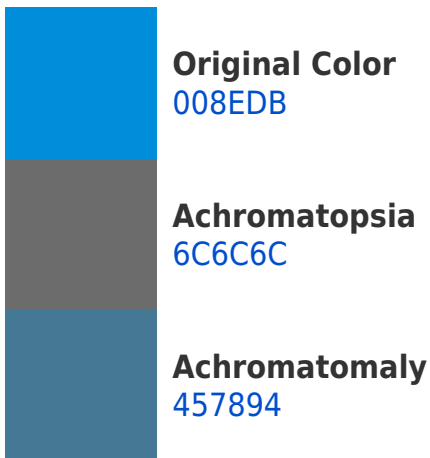


Tritanopia
0096A1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #008EDB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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