

Converting Colors

Hex(009ED0)

Have a look what the booklet for
Hex(009ED0) contains.

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Color

Hex(009ED0)

Conversions

Conversions Part 1

Format	Color
Hex	009ED0
RGB	0, 158, 208
RGB Percent	0%, 62%, 82%
CMY	1.0000, 0.3804, 0.1843
CMYK	1.00, 0.24, 0.00, 0.18
HSL	194°, 100%, 41%
HSV	194°, 100%, 82%
XYZ	23.6120, 29.0078, 64.0291
YIQ	116.4580, -110.2180, -17.9460

Conversions

Conversions Part 2

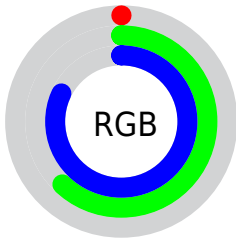
Format	Color
RYB	0, 90, 208
Decimal	40656
CIELab	60.79, -16.67, -35.17
CIELCh	61, 38.916, 244.640
Yxy	29.0078, 0.2024, 0.2487
Android (android.graphics.Color)	4278230736 (0xFF009ED0)
YUV	116.4580, 45.1302, -102.1337
Hunter-Lab	53.8589, -15.9977, -32.7846

Details

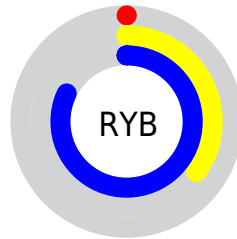
The Hex color **009ED0** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **D03200**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **65D5FF**, and **006B99** is the 20% darker color. If you saturate the color by 10%, you get **009ED0**, and if you desaturate by 10%, it is **15A3D0**.

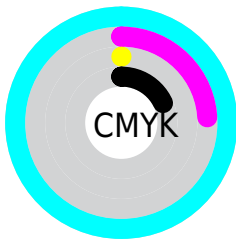
Distribution



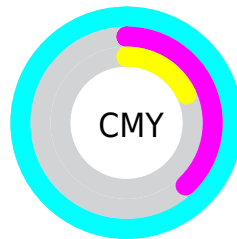
- Red (0%)
- Green (62%)
- Blue (82%)



- Red (0%)
- Yellow (35%)
- Blue (82%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (38%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009ED0 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 009ED0 by changing the saturation by 10% instead.

 009ED0

 009ED0


FFFFFF

 0084B4

 65D5FF

 006B99

 86F1FF

 00527F

 A5FFFF

 003B66

 C3FFFF

 00264E

 E2FFFF

 000A37

 000220

 000005

 000000

■ 009ED0

■ 15A3D0

■ 2AA8D0

■ 3EADD0

■ 53B2D0

■ 68B7D0

■ 7DBCD0

■ 92C1D0

■ A6C6D0

■ BBCBD0

Harmonies

Analogous

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



00A3B9



009ED0



6694D7

Triad

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



009ED0



D3778F



7F9C59

Complementary

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



009ED0



D03200

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.



A3924D



009ED0



D27B6D

Square

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



009ED0



C27CB1



C08655



53A274

Rectangle

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



009ED0



8D8CD1



C08655



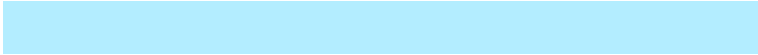
8C9952

Sweetspot

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



009ED0



B3EDFF



00D031



527480



000000



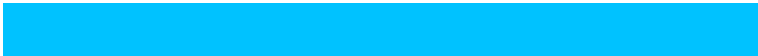
808080

Same Dimension

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



009ED0



00C2FF



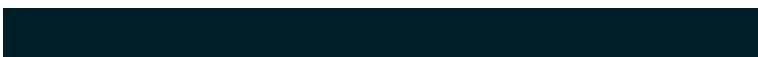
0037D0



5E6669



0080A8



001F29

Inverse Universe

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



D0009E



FF00C2



D09900



695E66



A80080



29001F

Previews

White Background



This preview shows how the Hex color 009ED0 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 009ED0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

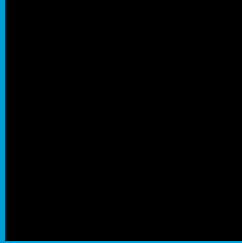
Any Text WCAG AA ✓ Pass

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 009ED0 Background



This preview shows how black text looks on a background with the Hex color 009ED0.



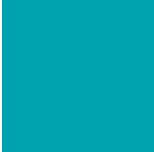
This preview shows how white text looks on a background with the Hex color 009ED0.

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
00A2AF

Trichromacy



Original Color
009ED0



Protanomaly
5395C9



Deuteranomaly
4C96D2



Tritanomaly
00A1BB

Monochromacy



Original Color
009ED0



Achromatopsia
747474



Achromatomaly
4A8395

CSS Examples

Text

The CSS property to change the color of the text to Hex 009ED0 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 #009ED0 looks like.

```
.text, #text, p{  
    color:#009ED0  
}
```

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 #009ED0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009ED0
}
```

Border

The CSS property to change the border of an element to Hex 009ED0 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
#009ED0 }
```

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

```
.border{ border-color:#009ED0 }
```

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

Here you see how a box with a 4 pixel #009ED0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009ED0; -webkit-box-shadow:4px 4px  
4px 4px #009ED0; box-shadow:4px 4px 4px  
4px #009ED0 }
```

Background

The CSS property to change the background color of an element to Hex 009ED0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009ED0 }
```

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

```
.background{ background-color:#009ED0 }
```

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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