

# Converting Colors

Hex(009ED1)

Have a look what the booklet for  
Hex(009ED1) contains.

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# Color

**Hex(009ED1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009ED1
RGB	0, 158, 209
RGB Percent	0%, 62%, 82%
CMY	1.0000, 0.3804, 0.1804
CMYK	1.00, 0.24, 0.00, 0.18
HSL	195°, 100%, 41%
HSV	195°, 100%, 82%
XYZ	23.7355, 29.0572, 64.6792
YIQ	116.5720, -110.5390, -17.6350

# Conversions

## Conversions Part 2

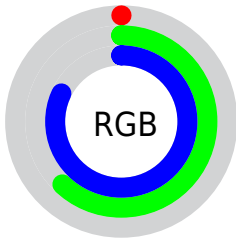
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 90, 209
Decimal	40657
CIE <sub>Lab</sub>	60.83, -16.31, -35.66
CIE <sub>LCh</sub>	61, 39.208, 245.421
Yxy	29.0572, 0.2021, 0.2474
Android (android.graphics.Color)	4278230737 (0xFF009ED1)
YUV	116.5720, 45.5670, -102.2336
Hunter-Lab	53.9047, -15.7356, -33.4076

# Details

The Hex color **009ED1** 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 **D13300**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **65D5FF**, and **006B9A** is the 20% darker color. If you saturate the color by 10%, you get **009ED1**, and if you desaturate by 10%, it is **15A3D1**.

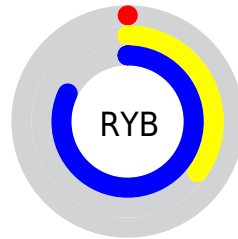
# Distribution



Red (0%)

Green (62%)

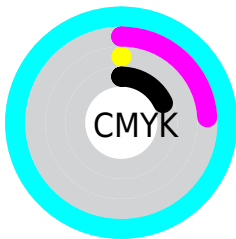
Blue (82%)



Red (0%)

Yellow (35%)

Blue (82%)

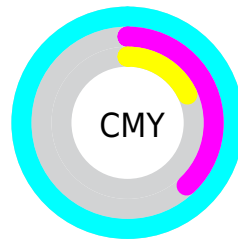


Cyan (100%)

Magenta (24%)

Yellow (0%)

Black (18%)



Cyan (100%)

Magenta (38%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 009ED1 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 009ED1 by changing the saturation by 10% instead.



009ED1

009ED1

FFFFFF

0084B5

65D5FF

006B9A

86F1FF

005280

A5FFFF

003B67

C4FFFF

00264E

E3FFFF

000B37

000221

000006

000000

 009ED1

 15A3D1

 2AA8D1

 3FADD1

 54B2D1

 69B8D1

 7DBDD1

 92C2D1

 A7C7D1

 BCCCD1

# Harmonies

## Analogous

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



00A4BA



009ED1



6794D7

# Triad

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



009ED1



D4778E



7E9C59

# Complementary

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



009ED1



D13300

# 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.



A2934C



009ED1



D27B6C

# Square

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



009ED1



C37CB0



C08754



51A375

# Rectangle

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



009ED1



8E8CD1



C08754



8B9A52

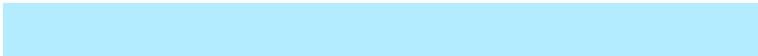


# Sweetspot

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



009ED1



B3ECFF



00D131



527480



000000



808080

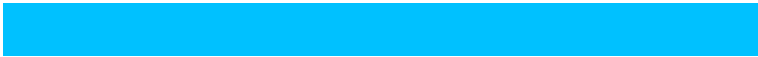


# Same Dimension

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



009ED1



00C1FF



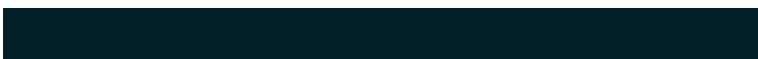
0038D1



5E6669



007FA8



001F29



# Inverse Universe

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



D1009E



FF00C1



D19900



695E66



A8007F



29001F



# Previews

## White Background



This preview shows how the Hex color 009ED1 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 009ED1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

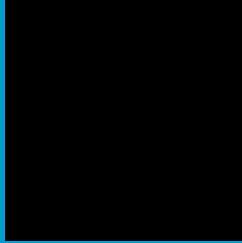
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 009ED1 Background



This preview shows how black text looks on a background with the Hex color 009ED1.



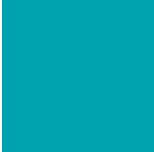
This preview shows how white text looks on a background with the Hex color 009ED1.

# 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**  
009ED1



**Protanomaly**  
5395CA



**Deuteranomaly**  
4C96D3



**Tritanomaly**  
00A1BB

# Monochromacy



**Original Color**  
009ED1



**Achromatopsia**  
757575



**Achromatomaly**  
4A8496

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009ED1 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 #009ED1 looks like.

```
.text, #text, p{  
    color:#009ED1  
}
```

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 #009ED1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009ED1
}
```

## Border

The CSS property to change the border of an element to Hex 009ED1 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
#009ED1 }
```

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

```
.border{ border-color:#009ED1 }
```

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

Here you see how a box with a 4 pixel #009ED1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009ED1; -webkit-box-shadow:4px 4px  
4px 4px #009ED1; box-shadow:4px 4px 4px  
4px #009ED1 }
```

# Background

The CSS property to change the background color of an element to Hex 009ED1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009ED1 }
```

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

```
.background{ background-color:#009ED1 }
```

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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