

# Converting Colors

Hex(09D1ED)

Have a look what the booklet for  
Hex(09D1ED) contains.

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# **Color**

**Hex(09D1ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	09D1ED
RGB	9, 209, 237
RGB Percent	4%, 82%, 93%
CMY	0.9647, 0.1804, 0.0706
CMYK	0.96, 0.12, 0.00, 0.07
HSL	187°, 93%, 48%
HSV	187°, 96%, 93%
XYZ	38.1992, 51.7734, 88.1007
YIQ	152.3920, -128.1880, -33.6920

# Conversions

## Conversions Part 2

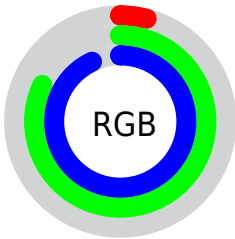
Format	Color
<a href="#">RYB</a>	<a href="#">9, 116, 237</a>
Decimal	<a href="#">643565</a>
CIELab	<a href="#">77.15, -32.50, -25.77</a>
CIELCh	<a href="#">77, 41.481, 218.412</a>
Yxy	<a href="#">51.7734, 0.2145, 0.2907</a>
Android (android.graphics.Color)	<a href="#">4278833645 (0xFF09D1ED)</a>
YUV	<a href="#">152.3920, 41.7117, -125.7548</a>
Hunter-Lab	<a href="#">71.9538, -31.1561, -22.2275</a>

# Details

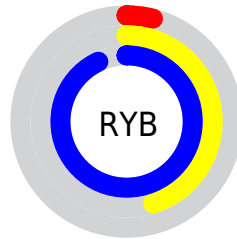
The Hex color **09D1ED** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **ED2509**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **71FFFF**, and **009AB5** is the 20% darker color. If you saturate the color by 10%, you get **00D0ED**, and if you desaturate by 10%, it is **21D4ED**.

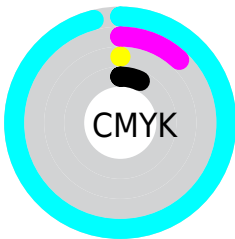
# Distribution



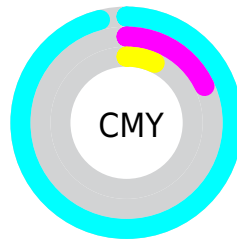
- Red (4%)
- Green (82%)
- Blue (93%)



- Red (4%)
- Yellow (45%)
- Blue (93%)



- Cyan (96%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (96%)
- Magenta (18%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 09D1ED 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 09D1ED by changing the saturation by 10% instead.



09D1ED

09D1ED

FFFFFF

00B5D1

71FFFF

009AB5

93FFFF

00809A

B4FFFF

006680

D4FFFF

004E67

F4FFFF

00364F

002338

000222

000009

09D1ED

09D1ED

00D0ED

21D4ED

38D7ED

50DAED

68DDED

7FE0ED

97E2ED

AFE5ED

C7E8ED

DEEBED

# Harmonies

## Analogous

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



3BD3C8



09D1ED



54CAFF

# Triad

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



09D1ED



F8A5DC



CDC071

# Complementary

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



09D1ED



ED2509

# 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.



EFB378



09D1ED



FFA0B5

# Square

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



09D1ED



D1B1FB



FFA691



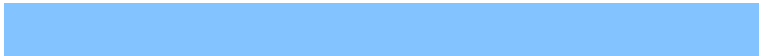
A3CA81

# Rectangle

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



09D1ED



83C3FF



FFA691



DABB71



# Sweetspot

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



09D1ED



B5F6FF



09ED24



537A80



000000



808080

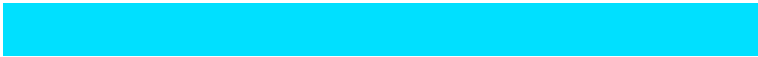


# Same Dimension

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



09D1ED



00E0FF



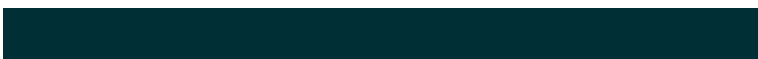
0960ED



6A7475



009FB5



002F36



# Inverse Universe

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



ED09D1



FF00E0



ED9609



756A74



B5009F

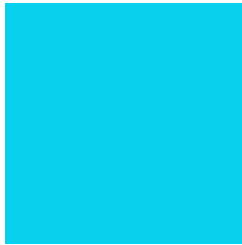


36002F



# Previews

## White Background



This preview shows how the Hex color 09D1ED looks on a white background.

## Color Contrast Check

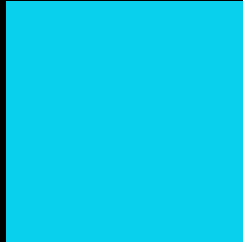
Large Text (above 18pt) WCAG AA × Fail

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 09D1ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

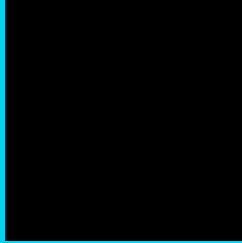
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 09D1ED Background



This preview shows how black text looks on a background with the Hex color 09D1ED.

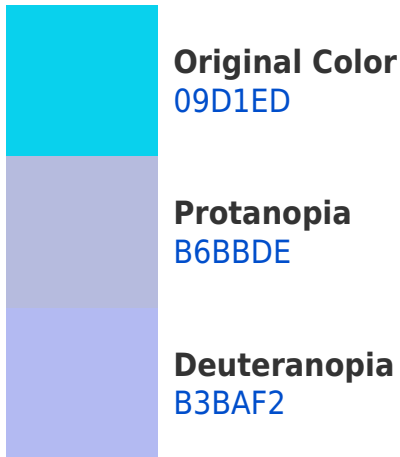


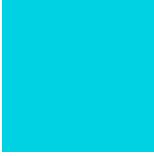
This preview shows how white text looks on a background with the Hex color 09D1ED.

# 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



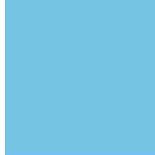


**Tritanopia**  
00D2E3

# Trichromacy



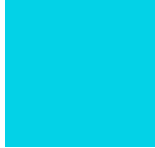
**Original Color**  
09D1ED



**Protanomaly**  
77C3E3



**Deuteranomaly**  
75C2F0



**Tritanomaly**  
03D2E7

# Monochromacy



**Original Color**  
09D1ED



**Achromatopsia**  
989898



**Achromatomaly**  
64ADB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 09D1ED 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 #09D1ED looks like.

```
.text, #text, p{  
    color:#09D1ED  
}
```

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 #09D1ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09D1ED
}
```

## Border

The CSS property to change the border of an element to Hex 09D1ED 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
#09D1ED }
```

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

```
.border{ border-color:#09D1ED }
```

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

Here you see how a box with a 4 pixel #09D1ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09D1ED; -webkit-box-shadow:4px 4px  
4px 4px #09D1ED; box-shadow:4px 4px 4px  
4px #09D1ED }
```

# Background

The CSS property to change the background color of an element to Hex 09D1ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09D1ED }
```

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

```
.background{ background-color:#09D1ED }
```

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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