

# Converting Colors

Hex(05D0EB)

Have a look what the booklet for  
Hex(05D0EB) contains.

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# **Color**

**Hex(05D0EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05D0EB
RGB	5, 208, 235
RGB Percent	2%, 82%, 92%
CMY	0.9804, 0.1843, 0.0784
CMYK	0.98, 0.11, 0.00, 0.08
HSL	187°, 96%, 47%
HSV	187°, 98%, 92%
XYZ	37.6139, 51.1422, 86.4862
YIQ	150.3810, -129.6550, -34.6390

# Conversions

## Conversions Part 2

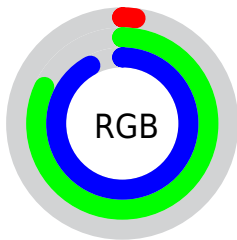
Format	Color
R <sub>YB</sub>	5, 113, 235
Decimal	381163
CIE Lab	76.77, -32.76, -25.28
CIE LCh	77, 41.380, 217.660
Yxy	51.1422, 0.2146, 0.2918
Android (android.graphics.Color)	4278571243 (0xFF05D0EB)
YUV	150.3810, 41.7172, -127.4991
Hunter-Lab	71.5138, -31.2640, -21.6436

# Details

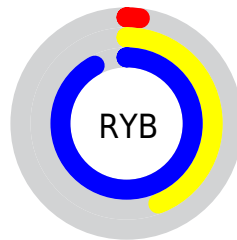
The Hex color **05D0EB** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **EB2005**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **70FFFF**, and **0099B3** is the 20% darker color. If you saturate the color by 10%, you get **00CFEB**, and if you desaturate by 10%, it is **1DD3EB**.

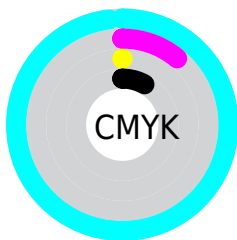
# Distribution



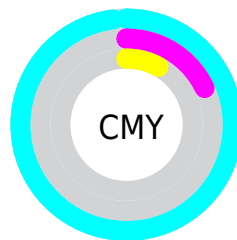
- Red (2%)
- Green (82%)
- Blue (92%)



- Red (2%)
- Yellow (44%)
- Blue (92%)



- Cyan (98%)
- Magenta (11%)
- Yellow (0%)
- Black (8%)



- Cyan (98%)
- Magenta (18%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05D0EB 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 05D0EB by changing the saturation by 10% instead.



 05D0EB

 05D0EB

FFFFFF

 00B4CF

 70FFFF

 0099B3

 92FFFF

 007F98

 B3FFFF

 00657E

 D3FFFF

 004D65

 F3FFFF

 00354D

 002136

 000221

 000006

05D0EB

05D0EB

00CFEB

1DD3EB

34D6EB

4BD8EB

63DBEB

7ADEEB

92E1EB

AAE3EB

C1E6EB

D8E9EB

# Harmonies

## Analogous

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



3CD2C6



05D0EB



51C9FF

# Triad

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



05D0EB



F6A4DB



CDBE71

# Complementary

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



05D0EB



EB2005

# 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.



EFB177



05D0EB



FF9FB5

# Square

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



05D0EB



CFB0FA



FFA591



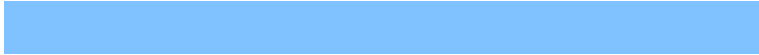
A4C97F

# Rectangle

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



05D0EB



80C2FF



FFA591



D9BA70

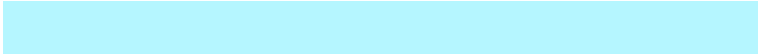


# Sweetspot

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



05D0EB



B5F6FF



05EB20



537A80



000000



808080

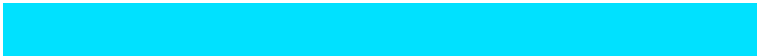


# Same Dimension

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



05D0EB



00E1FF



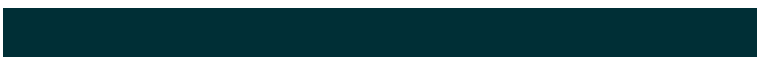
055DEB



6A7475



00A0B5



002F36



# Inverse Universe

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



EB05D0



FF00E1



EB9305



756A74



B500A0

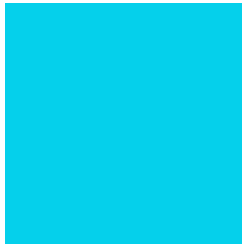


36002F



# Previews

## White Background



This preview shows how the Hex color 05D0EB looks on a white background.

## Color Contrast Check

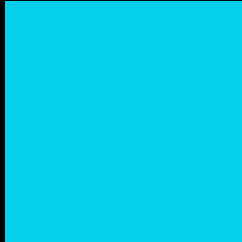
Large Text (above 18pt) WCAG AA × Fail

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 05D0EB 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 05D0EB Background



This preview shows how black text looks on a background with the Hex color 05D0EB.

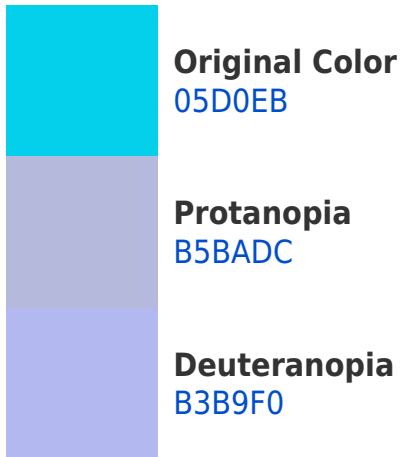


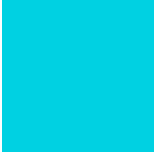
This preview shows how white text looks on a background with the Hex color 05D0EB.

# 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



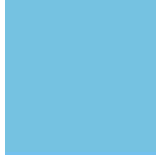


**Tritanopia**  
00D1E2

# Trichromacy



**Original Color**  
05D0EB



**Protanomaly**  
75C2E1



**Deuteranomaly**  
74C1EE



**Tritanomaly**  
02D1E5

# Monochromacy



**Original Color**  
05D0EB



**Achromatopsia**  
969696



**Achromatomaly**  
61ABB5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05D0EB 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 #05D0EB looks like.

```
.text, #text, p{  
    color:#05D0EB  
}
```

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 #05D0EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05D0EB  
}
```

## Border

The CSS property to change the border of an element to Hex 05D0EB 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  
#05D0EB }
```

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

```
.border{ border-color:#05D0EB }
```

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

Here you see how a box with a 4 pixel #05D0EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05D0EB; -webkit-box-shadow:4px 4px  
4px 4px #05D0EB; box-shadow:4px 4px 4px  
4px #05D0EB }
```

# Background

The CSS property to change the background color of an element to Hex 05D0EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05D0EB }
```

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

```
.background{ background-color:#05D0EB }
```

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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