

# Converting Colors

Hex(00C3EB)

Have a look what the booklet for  
Hex(00C3EB) contains.

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# **Color**

**Hex(00C3EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C3EB
RGB	0, 195, 235
RGB Percent	0%, 76%, 92%
CMY	1.0000, 0.2353, 0.0784
CMYK	1.00, 0.17, 0.00, 0.08
HSL	190°, 100%, 46%
HSV	190°, 100%, 92%
XYZ	34.5105, 45.0284, 85.4697
YIQ	141.2550, -129.0600, -28.9000

# Conversions

## Conversions Part 2

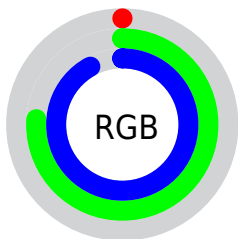
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 107, 235
Decimal	50155
CIELab	72.91, -26.53, -31.20
CIELCh	73, 40.955, 229.623
Yxy	45.0284, 0.2091, 0.2729
Android (android.graphics.Color)	4278240235 (0xFF00C3EB)
YUV	141.2550, 46.2163, -123.8806
Hunter-Lab	67.1032, -25.6298, -28.5458

# Details

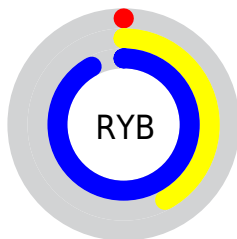
The Hex color **00C3EB** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **EB2800**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6EFCFF**, and **008DB3** is the 20% darker color. If you saturate the color by 10%, you get **00C3EB**, and if you desaturate by 10%, it is **17C7EB**.

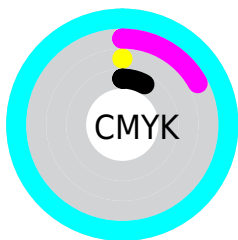
# Distribution



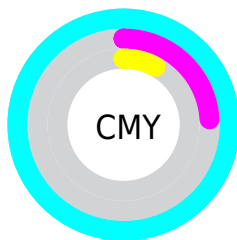
- Red (0%)
- Green (76%)
- Blue (92%)



- Red (0%)
- Yellow (42%)
- Blue (92%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (24%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C3EB 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 00C3EB by changing the saturation by 10% instead.



 00C3EB

 00C3EB

FFFFFF

 00A8CF

 6EFCFF

 008DB3

 90FFFF

 007398

 B0FFFF

 005A7E

 D0FFFF

 004365

 F0FFFF

 002C4D

 001536

 000220

 000004

 00C3EB

 17C7EB

 2FCBEB

 47CFEB

 5ED3EB

 76D7EB

 8DDBEB

 A4DFEB

 BCE3EB

 D3E7EB

# Harmonies

## Analogous

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



01C7CB



00C3EB



63BBFC

# Triad

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



00C3EB



F397C2



B3B86B

# Complementary

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



00C3EB



EB2800

# 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.



D7AC69



00C3EB



FC969C

# Square

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



00C3EB



D5A0E4



F19F7B



88C181

# Rectangle

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



00C3EB



90B3FD



F19F7B



BFB568

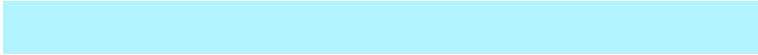


# Sweetspot

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



00C3EB



B3F2FF



00EB27



527880



000000



808080

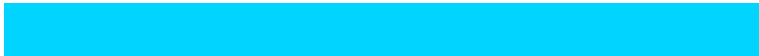


# Same Dimension

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



00C3EB



00D4FF



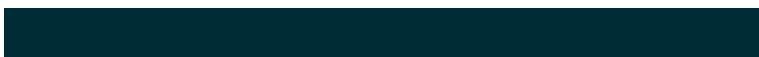
004EEB



6A7375



0096B5



002C36



# Inverse Universe

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



EB00C3



FF00D4



EB9D00



756A73



B50096

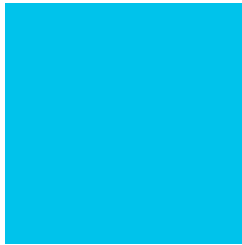


36002C



# Previews

## White Background



This preview shows how the Hex color 00C3EB looks on a white background.

## Color Contrast Check

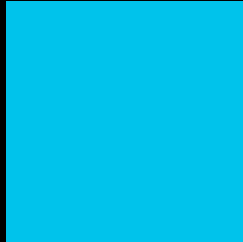
Large Text (above 18pt) WCAG AA × Fail

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 00C3EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

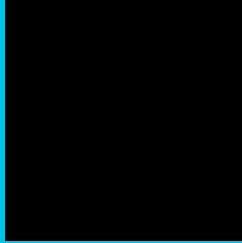
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00C3EB Background



This preview shows how black text looks on a background with the Hex color 00C3EB.



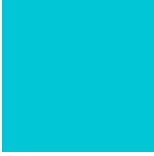
This preview shows how white text looks on a background with the Hex color 00C3EB.

# 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**  
00C6D5

# Trichromacy



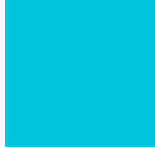
**Original Color**  
00C3EB



**Protanomaly**  
6AB7E2



**Deuteranomaly**  
66B6EE



**Tritanomaly**  
00C5DD

# Monochromacy



**Original Color**  
00C3EB



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
5AA1AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C3EB 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 #00C3EB looks like.

```
.text, #text, p{  
    color:#00C3EB  
}
```

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 #00C3EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C3EB
}
```

## Border

The CSS property to change the border of an element to Hex 00C3EB 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
#00C3EB }
```

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

```
.border{ border-color:#00C3EB }
```

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

Here you see how a box with a 4 pixel #00C3EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C3EB; -webkit-box-shadow:4px 4px  
4px 4px #00C3EB; box-shadow:4px 4px 4px  
4px #00C3EB }
```

# Background

The CSS property to change the background color of an element to Hex 00C3EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C3EB }
```

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

```
.background{ background-color:#00C3EB }
```

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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