

Converting Colors

Hex(00C4EB)

Have a look what the booklet for
Hex(00C4EB) contains.

Hex(00C4EB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00C4EB)

Conversions

Conversions Part 1

Format	Color
Hex	00C4EB
RGB	0, 196, 235
RGB Percent	0%, 77%, 92%
CMY	1.0000, 0.2314, 0.0784
CMYK	1.00, 0.17, 0.00, 0.08
HSL	190°, 100%, 46%
HSV	190°, 100%, 92%
XYZ	34.7353, 45.4780, 85.5447
YIQ	141.8420, -129.3350, -29.4230

Conversions

Conversions Part 2

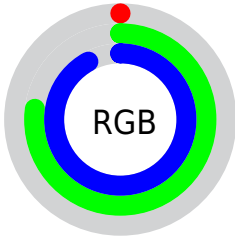
Format	Color
RYB	0, 107, 235
Decimal	50411
CIELab	73.21, -27.03, -30.74
CIELCh	73, 40.937, 228.679
Yxy	45.4780, 0.2096, 0.2744
Android (android.graphics.Color)	4278240491 (0xFF00C4EB)
YUV	141.8420, 45.9269, -124.3954
Hunter-Lab	67.4374, -26.0745, -28.0035

Details

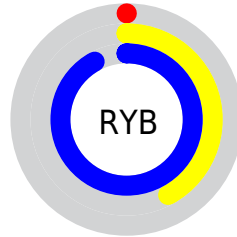
The Hex color **00C4EB** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **EB2700**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6EFDFF**, and **008EB3** is the 20% darker color. If you saturate the color by 10%, you get **00C4EB**, and if you desaturate by 10%, it is **17C8EB**.

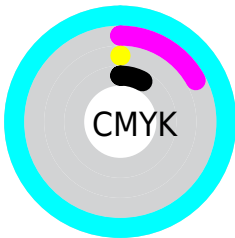
Distribution



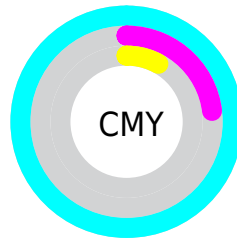
- Red (0%)
- Green (77%)
- Blue (92%)



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



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



- Cyan (100%)
- Magenta (23%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C4EB 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 00C4EB by changing the saturation by 10% instead.

 00C4EB

 00C4EB

FFFFFF

 00A9CF

 6EFDFF

 008EB3

 90FFFF

 007498

 B0FFFF

 005B7E

 D0FFFF

 004365

 F0FFFF

 002D4D

 001636

 000220

 000004

 00C4EB

 17C8EB

 2FCCEB

 47D0EB

 5ED4EB

 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.



0CC8CA



00C4EB



61BCFD

Triad

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



00C4EB



F398C4



B5B96B

Complementary

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



00C4EB



EB2700

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.



D9AD6A



00C4EB



FD979E

Square

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



00C4EB



D5A2E6



F2A07D



8AC281

Rectangle

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



00C4EB



8FB4FE



F2A07D



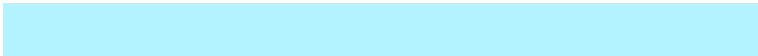
C2B568

Sweetspot

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



00C4EB



B3F2FF



00EB23



527880



000000



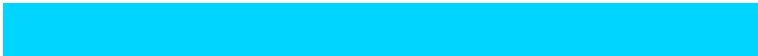
808080

Same Dimension

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



00C4EB



00D5FF



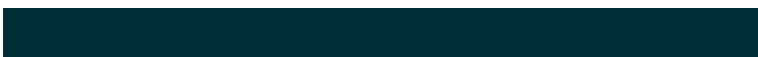
0052EB



6A7375



0097B5



002D36

Inverse Universe

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



EB00C4



FF00D5



EB9900



756A73



B50097



36002D

Previews

White Background



This preview shows how the Hex color 00C4EB looks on a white background.

Color Contrast Check

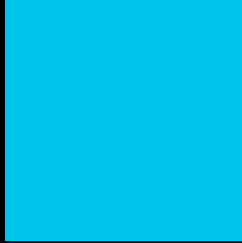
Large Text (above 18pt) WCAG AA × Fail

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 00C4EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

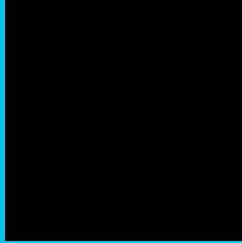
Any Text WCAG AA ✓ Pass

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 00C4EB Background



This preview shows how black text looks on a background with the Hex color 00C4EB.

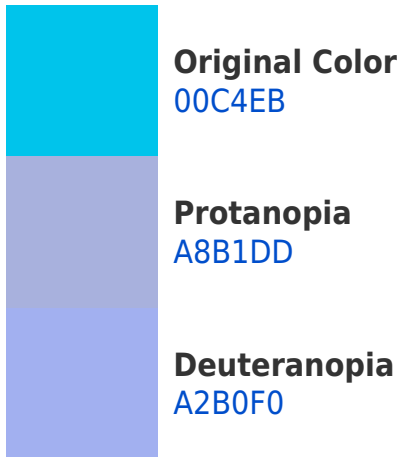


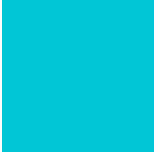
This preview shows how white text looks on a background with the Hex color 00C4EB.

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
00C6D6

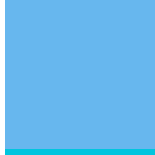
Trichromacy



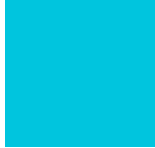
Original Color
00C4EB



Protanomaly
6BB8E2



Deuteranomaly
67B7EE



Tritanomaly
00C5DE

Monochromacy



Original Color
00C4EB



Achromatopsia
8E8E8E



Achromatomaly
5AA2B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C4EB 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 #00C4EB looks like.

```
.text, #text, p{  
    color:#00C4EB  
}
```

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 #00C4EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C4EB
}
```

Border

The CSS property to change the border of an element to Hex 00C4EB 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
#00C4EB }
```

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

```
.border{ border-color:#00C4EB }
```

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

Here you see how a box with a 4 pixel #00C4EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C4EB; -webkit-box-shadow:4px 4px  
4px 4px #00C4EB; box-shadow:4px 4px 4px  
4px #00C4EB }
```

Background

The CSS property to change the background color of an element to Hex 00C4EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C4EB }
```

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

```
.background{ background-color:#00C4EB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor