

Converting Colors

Hex(00CCEB)

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

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Color

Hex(00CCEB)

Conversions

Conversions Part 1

Format	Color
Hex	00CCEB
RGB	0, 204, 235
RGB Percent	0%, 80%, 92%
CMY	1.0000, 0.2000, 0.0784
CMYK	1.00, 0.13, 0.00, 0.08
HSL	188°, 100%, 46%
HSV	188°, 100%, 92%
XYZ	36.5883, 49.1839, 86.1623
YIQ	146.5380, -131.5350, -33.6070

Conversions

Conversions Part 2

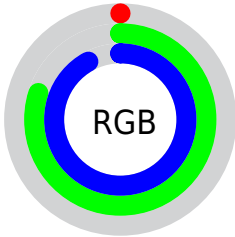
Format	Color
RYB	0, 109, 235
Decimal	52459
CIELab	75.57, -30.96, -27.12
CIELCh	76, 41.154, 221.220
Yxy	49.1839, 0.2128, 0.2861
Android (android.graphics.Color)	4278242539 (0xFF00CCEB)
YUV	146.5380, 43.6118, -128.5138
Hunter-Lab	70.1312, -29.6042, -23.7511

Details

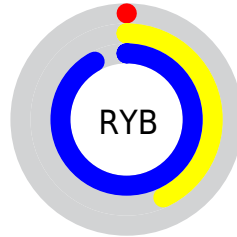
The Hex color **00CCEB** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **EB1F00**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6FFFFFF**, and **0095B3** is the 20% darker color. If you saturate the color by 10%, you get **00CCEB**, and if you desaturate by 10%, it is **17CFEB**.

Distribution



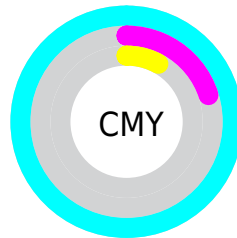
- Red (0%)
- Green (80%)
- Blue (92%)



- Red (0%)
- Yellow (43%)
- Blue (92%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 00CCEB

 00CCEB

FFFFFF

 00B0CF

 6FFFFFF

 0095B3

 91FFFF

 007B98

 B2FFFF

 00627E

 D2FFFF

 004A65

 F1FFFF

 00324D

 001E36

 000221

 000005

 00CCEB

 17CFEB

 2FD2EB

 47D5EB

 5ED8EB

 76DBEB

 8DDFEB

 A4E2EB

 BCE5EB

 D3E8EB

Harmonies

Analogous

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



31CFC8



00CCEB



56C5FF

Triad

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



00CCEB



F5A0D4



C5BC6F

Complementary

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



00CCEB



EB1F00

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.



E7B073



00CCEB



FF9DAD

Square

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



00CCEB



D1ABF3



FEA38A



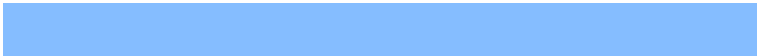
9BC780

Rectangle

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



00CCEB



85BDFE



FEA38A



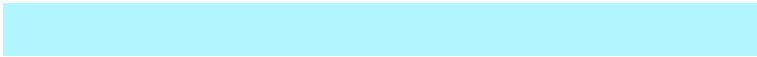
D1B86D

Sweetspot

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



00CCEB



B3F5FF



00EB1B



527980



000000



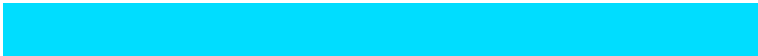
808080

Same Dimension

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



00CCEB



00DDFF



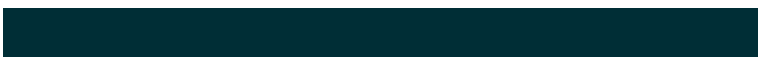
005AEB



6A7475



009DB5



002E36

Inverse Universe

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



EB00CC



FF00DD



EB9100



756A74



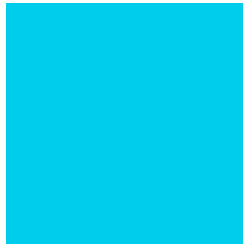
B5009D



36002E

Previews

White Background



This preview shows how the Hex color 00CCEB 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 00CCEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

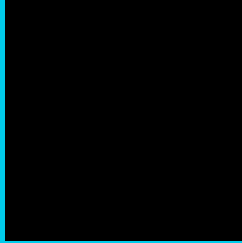
Any Text WCAG AA ✓ Pass

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 00CCEB Background



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

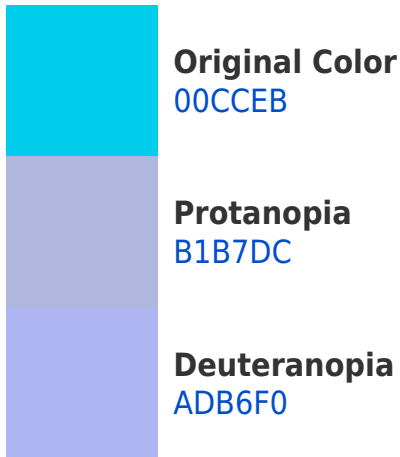


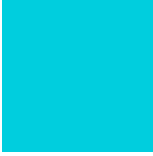
This preview shows how white text looks on a background with the Hex color 00CCEB.

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

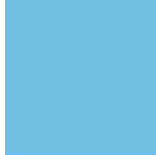




Trichromacy



Original Color
00CCEB



Protanomaly
71BFE1



Deuteranomaly
6EBEEE



Tritanomaly
00CDE3

Monochromacy



Original Color
00CCEB



Achromatopsia
939393



Achromatomaly
5EA8B3

CSS Examples

Text

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

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

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 #00CCEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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