

Converting Colors

Hex(00CAF5)

Have a look what the booklet for
Hex(00CAF5) contains.

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Color

Hex(00CAF5)

Conversions

Conversions Part 1

Format	Color
Hex	00CAF5
RGB	0, 202, 245
RGB Percent	0%, 79%, 96%
CMY	1.0000, 0.2078, 0.0392
CMYK	1.00, 0.18, 0.00, 0.04
HSL	191°, 100%, 48%
HSV	191°, 100%, 96%
XYZ	37.6020, 48.8336, 93.8302
YIQ	146.5040, -134.1950, -29.4510

Conversions

Conversions Part 2

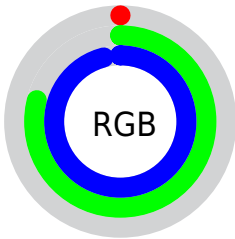
Format	Color
RYB	0, 111, 245
Decimal	51957
CIELab	75.35, -26.69, -32.83
CIELCh	75, 42.307, 230.889
Yxy	48.8336, 0.2086, 0.2709
Android (android.graphics.Color)	4278242037 (0xFF00CAF5)
YUV	146.5040, 48.5585, -128.4840
Hunter-Lab	69.8811, -26.2437, -30.6927

Details

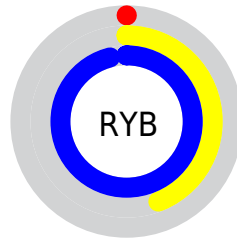
The Hex color **00CAF5** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F52B00**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **71FFFF**, and **0094BD** is the 20% darker color. If you saturate the color by 10%, you get **00CAF5**, and if you desaturate by 10%, it is **18CEF5**.

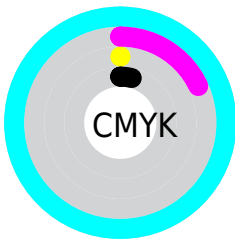
Distribution



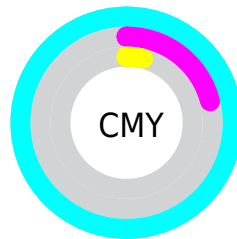
- Red (0%)
- Green (79%)
- Blue (96%)



- Red (0%)
- Yellow (44%)
- Blue (96%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (21%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CAF5 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 00CAF5 by changing the saturation by 10% instead.

 00CAF5

FFFFFF

 71FFFF

 93FFFF

 B4FFFF

 D4FFFF

 F4FFFF

 00CAF5

 00AED8

 0094BD

 007AA1

 006187

 00486E

 003255

 001E3D

 000327

 000111

 00CAF5

 18CEF5

 31D3F5

 4AD7F5

 62DBF5

 7BE0F5

 93E4F5

 ABE8F5

 C4ECF5

 DDF1F5

Harmonies

Analogous

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



00CED4



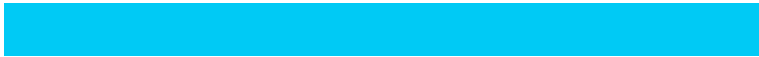
00CAF5



69C1FF

Triad

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



00CAF5



FD9CC7



B7C06F

Complementary

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



00CAF5



F52B00

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.



DDB36C



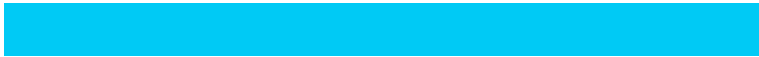
00CAF5



FF9CA0

Square

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



00CAF5



DFA6EB



F9A67F



8AC987

Rectangle

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



00CAF5



98B9FF



F9A67F



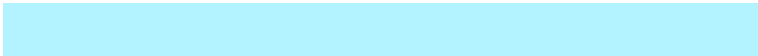
C5BC6C

Sweetspot

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



00CAF5



B3F2FF



00F529



527780



000000



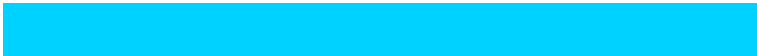
808080

Same Dimension

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



00CAF5



00D2FF



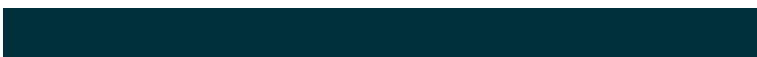
0052F5



6E787A



0099BA



00303B

Inverse Universe

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



F500CA



FF00D2



F5A300



7A6E78



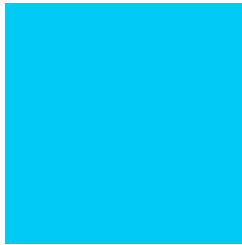
BA0099



3B0030

Previews

White Background



This preview shows how the Hex color 00CAF5 looks on a white background.

Color Contrast Check

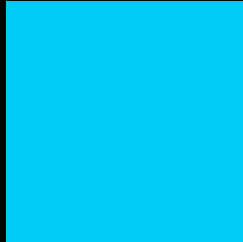
Large Text (above 18pt) WCAG AA × Fail

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 00CAF5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

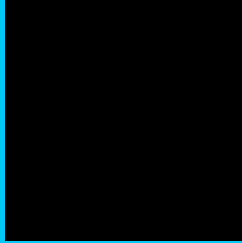
Any Text WCAG AA ✓ Pass

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 00CAF5 Background



This preview shows how black text looks on a background with the Hex color 00CAF5.

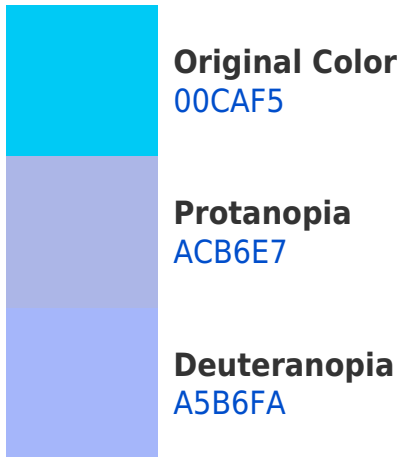


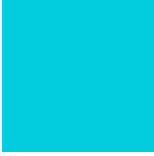
This preview shows how white text looks on a background with the Hex color 00CAF5.

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
00CDDD

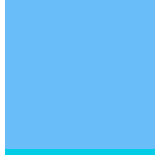
Trichromacy



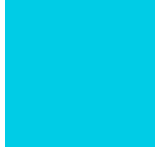
Original Color
00CAF5



Protanomaly
6DBDEC



Deuteranomaly
69BDF8



Tritanomaly
00CCE6

Monochromacy



Original Color
00CAF5



Achromatopsia
939393



Achromatomaly
5EA7B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CAF5 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 #00CAF5 looks like.

```
.text, #text, p{  
    color:#00CAF5  
}
```

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 #00CAF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CAF5
}
```

Border

The CSS property to change the border of an element to Hex 00CAF5 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
#00CAF5 }
```

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

```
.border{ border-color:#00CAF5 }
```

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

Here you see how a box with a 4 pixel #00CAF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CAF5; -webkit-box-shadow:4px 4px  
4px 4px #00CAF5; box-shadow:4px 4px 4px  
4px #00CAF5 }
```

Background

The CSS property to change the background color of an element to Hex 00CAF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CAF5 }
```

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

```
.background{ background-color:#00CAF5 }
```

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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