

Converting Colors

Hex(00C9F2)

Have a look what the booklet for
Hex(00C9F2) contains.

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Color

Hex(00C9F2)

Conversions

Conversions Part 1

Format	Color
Hex	00C9F2
RGB	0, 201, 242
RGB Percent	0%, 79%, 95%
CMY	1.0000, 0.2118, 0.0510
CMYK	1.00, 0.17, 0.00, 0.05
HSL	190°, 100%, 47%
HSV	190°, 100%, 95%
XYZ	36.9137, 48.1841, 91.3593
YIQ	145.5750, -132.9570, -29.8610

Conversions

Conversions Part 2

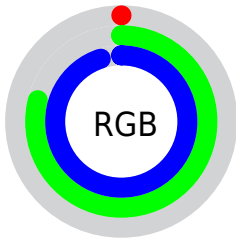
Format	Color
RYB	0, 110, 242
Decimal	51698
CIELab	74.94, -27.19, -31.84
CIELCh	75, 41.871, 229.508
Yxy	48.1841, 0.2092, 0.2731
Android (android.graphics.Color)	4278241778 (0xFF00C9F2)
YUV	145.5750, 47.5375, -127.6693
Hunter-Lab	69.4148, -26.5524, -29.4434

Details

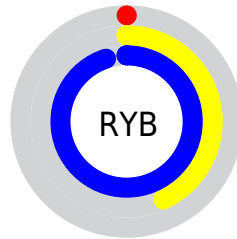
The Hex color **00C9F2** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F22900**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **70FFFF**, and **0093BA** is the 20% darker color. If you saturate the color by 10%, you get **00C9F2**, and if you desaturate by 10%, it is **18CDF2**.

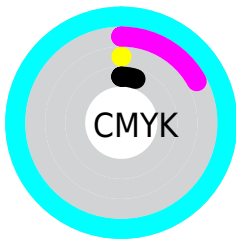
Distribution



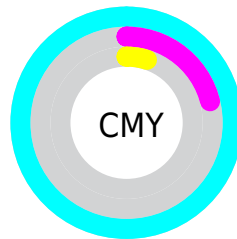
- Red (0%)
- Green (79%)
- Blue (95%)



- Red (0%)
- Yellow (43%)
- Blue (95%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C9F2 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 00C9F2 by changing the saturation by 10% instead.

 00C9F2

 00C9F2

FFFFFF

 00ADD6

 70FFFF

 0093BA

 92FFFF

 00799F

 B3FFFF

 006084

 D3FFFF

 00486B

 F3FFFF

 003153

 001D3B

 000225

 00010E

 00C9F2


 18CDF2

 30D1F2

 49D5F2

 61D9F2

 79DDF2

 91E2F2

 A9E6F2

 C2EAF2

 DAEEF2

Harmonies

Analogous

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



03CDD1



00C9F2



66C0FF

Triad

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



00C9F2



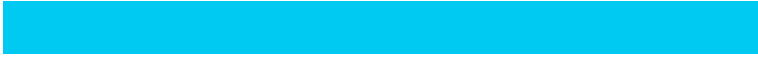
FA9CC8



B8BE6E

Complementary

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



00C9F2



F22900

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.



DEB26C



00C9F2



FF9BA1

Square

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



00C9F2



DCA5EB



F8A47F



8CC785

Rectangle

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



00C9F2



94B8FF



F8A47F



C6BA6B

Sweetspot

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



00C9F2



B3F2FF



00F228



527880



000000



808080

Same Dimension

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



00C9F2



00D4FF



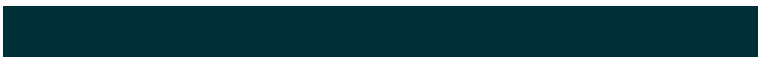
0051F2



6C7678



0098B8



002F38

Inverse Universe

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



F200C9



FF00D4



F2A100



786C76



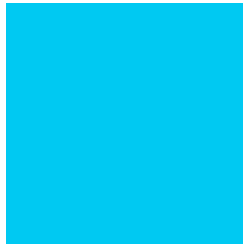
B80098



38002F

Previews

White Background



This preview shows how the Hex color 00C9F2 looks on a white background.

Color Contrast Check

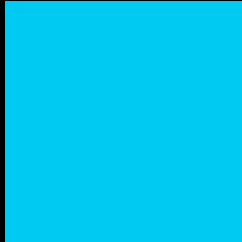
Large Text (above 18pt) WCAG AA × Fail

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 00C9F2 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 00C9F2 Background



This preview shows how black text looks on a background with the Hex color 00C9F2.

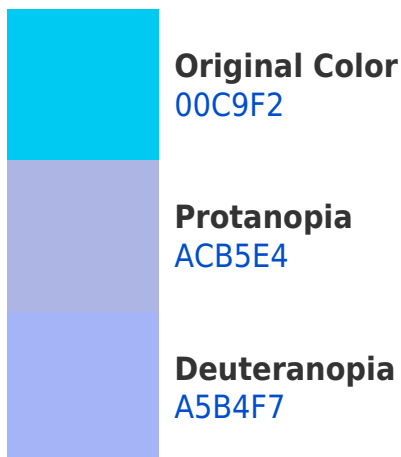


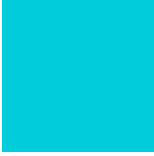
This preview shows how white text looks on a background with the Hex color 00C9F2.

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





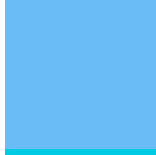
Trichromacy



Original Color
00C9F2



Protanomaly
6DBCE9



Deuteranomaly
69BCF5



Tritanomaly
00CBE4

Monochromacy



Original Color
00C9F2



Achromatopsia
929292



Achromatomaly
5DA6B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C9F2 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 #00C9F2 looks like.

```
.text, #text, p{  
    color:#00C9F2  
}
```

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 #00C9F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C9F2
}
```

Border

The CSS property to change the border of an element to Hex 00C9F2 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
#00C9F2 }
```

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

```
.border{ border-color:#00C9F2 }
```

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

Here you see how a box with a 4 pixel #00C9F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C9F2; -webkit-box-shadow:4px 4px  
4px 4px #00C9F2; box-shadow:4px 4px 4px  
4px #00C9F2 }
```

Background

The CSS property to change the background color of an element to Hex 00C9F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C9F2 }
```

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

```
.background{ background-color:#00C9F2 }
```

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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