

# Converting Colors

Hex(02C4F4)

Have a look what the booklet for  
Hex(02C4F4) contains.

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# **Color**

**Hex(02C4F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02C4F4
RGB	2, 196, 244
RGB Percent	1%, 77%, 96%
CMY	0.9922, 0.2314, 0.0431
CMYK	0.99, 0.20, 0.00, 0.04
HSL	192°, 98%, 48%
HSV	192°, 99%, 96%
XYZ	36.0941, 46.0244, 92.5692
YIQ	143.4660, -131.0320, -26.2000

# Conversions

## Conversions Part 2

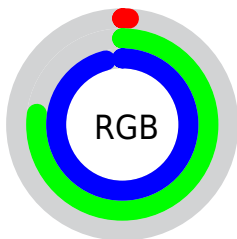
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 110, 244
Decimal	181492
CIELab	73.56, -23.96, -35.05
CIELCh	74, 42.458, 235.642
Yxy	46.0244, 0.2066, 0.2635
Android (android.graphics.Color)	4278371572 (0xFF02C4F4)
YUV	143.4660, 49.5633, -124.0657
Hunter-Lab	67.8413, -23.7536, -33.4121

# Details

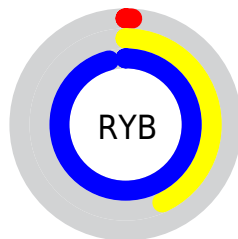
The Hex color **02C4F4** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F43202**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **70FDFF**, and **008EBC** is the 20% darker color. If you saturate the color by 10%, you get **00C4F4**, and if you desaturate by 10%, it is **1AC9F4**.

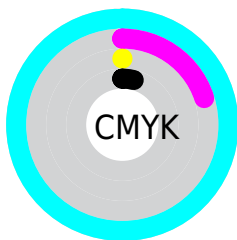
# Distribution



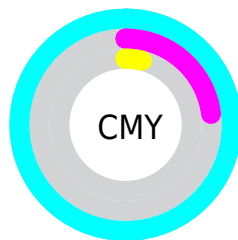
- Red (1%)
- Green (77%)
- Blue (96%)



- Red (1%)
- Yellow (43%)
- Blue (96%)



- Cyan (99%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (99%)
- Magenta (23%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 02C4F4 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 02C4F4 by changing the saturation by 10% instead.



 02C4F4

 02C4F4

FFFFFF

 00A9D7

 70FDFF

 008EBC

 92FFFF

 0074A0

 B3FFFF

 005C86

 D3FFFF

 00446D

 F3FFFF

 002D54

 00183D

 000326

 00010F

■ 02C4F4

■ 02C4F4

■ 00C4F4

■ 1AC9F4

■ 33CEF4

■ 4BD3F4

■ 64D7F4

■ 7CDCF4

■ 94E1F4

■ ADE6F4

■ C5EBF4

■ DEF0F4

# Harmonies

## Analogous

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



00C9D5



02C4F4



6FBAFF

# Triad

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



02C4F4



FB96BC



ACBD6D

# Complementary

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



02C4F4



F43202

# 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.



D3B066



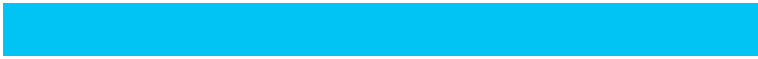
02C4F4



FF9895

# Square

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



02C4F4



E09FE1



F0A376



7EC587

# Rectangle

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



02C4F4



9CB2FF



F0A376



BAB968



# Sweetspot

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



02C4F4



B3F0FF



02F42E



527680



000000



808080



# Same Dimension

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



02C4F4



00CCFF



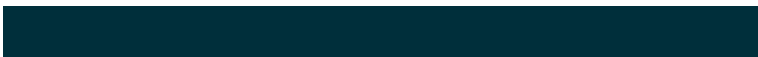
024FF4



6E787A



0095BA



002F3B



# Inverse Universe

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



F402C4



FF00CC



F4A702



7A6E78



BA0095

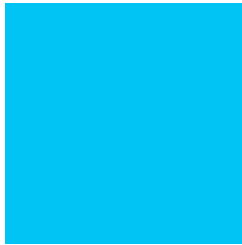


3B002F



# Previews

## White Background



This preview shows how the Hex color 02C4F4 looks on a white background.

## Color Contrast Check

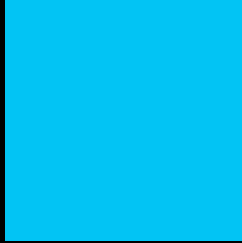
Large Text (above 18pt) WCAG AA × Fail

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 02C4F4 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 02C4F4 Background



This preview shows how black text looks on a background with the Hex color 02C4F4.

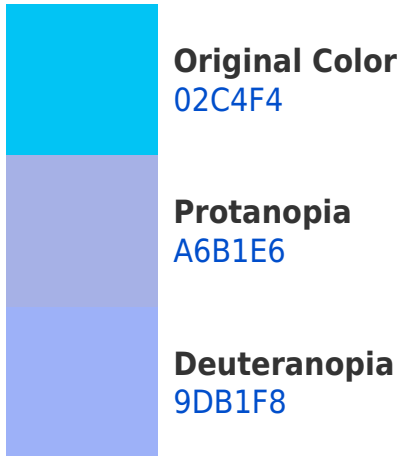


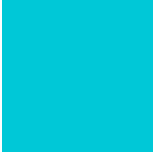
This preview shows how white text looks on a background with the Hex color 02C4F4.

# 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**  
00C8D7

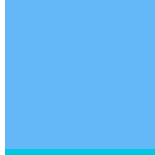
# Trichromacy



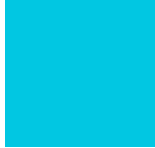
**Original Color**  
02C4F4



**Protanomaly**  
6AB8EB



**Deuteranomaly**  
65B8F7



**Tritanomaly**  
01C7E2

# Monochromacy



**Original Color**  
02C4F4



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
5CA2B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 02C4F4 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 #02C4F4 looks like.

```
.text, #text, p{  
    color:#02C4F4  
}
```

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 #02C4F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02C4F4
}
```

## Border

The CSS property to change the border of an element to Hex 02C4F4 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
#02C4F4 }
```

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

```
.border{ border-color:#02C4F4 }
```

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

Here you see how a box with a 4 pixel #02C4F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02C4F4; -webkit-box-shadow:4px 4px  
4px 4px #02C4F4; box-shadow:4px 4px 4px  
4px #02C4F4 }
```

# Background

The CSS property to change the background color of an element to Hex 02C4F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02C4F4 }
```

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

```
.background{ background-color:#02C4F4 }
```

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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