

Converting Colors

Hex(04C7F8)

Have a look what the booklet for
Hex(04C7F8) contains.

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Color

Hex(04C7F8)

Conversions

Conversions Part 1

Format	Color
Hex	04C7F8
RGB	4, 199, 248
RGB Percent	2%, 78%, 97%
CMY	0.9843, 0.2196, 0.0275
CMYK	0.98, 0.20, 0.00, 0.03
HSL	192°, 97%, 49%
HSV	192°, 98%, 97%
XYZ	37.4168, 47.6500, 96.0322
YIQ	146.2810, -131.9490, -26.1010

Conversions

Conversions Part 2

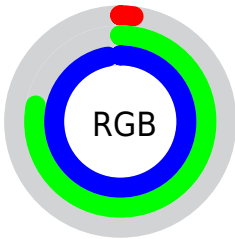
Format	Color
RYB	4, 112, 248
Decimal	313336
CIELab	74.60, -24.08, -35.59
CIELCh	75, 42.971, 235.911
Yxy	47.6500, 0.2066, 0.2631
Android (android.graphics.Color)	4278503416 (0xFF04C7F8)
YUV	146.2810, 50.1475, -124.7804
Hunter-Lab	69.0290, -24.0457, -34.1632

Details

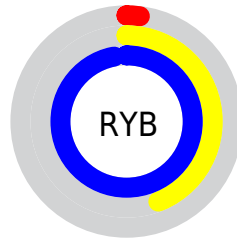
The Hex color **04C7F8** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F83504**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **71FFFF**, and **0091BF** is the 20% darker color. If you saturate the color by 10%, you get **00C6F8**, and if you desaturate by 10%, it is **1DCCF8**.

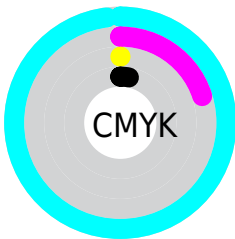
Distribution



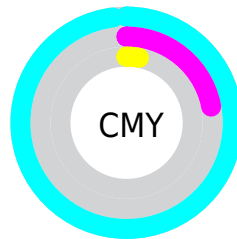
- Red (2%)
- Green (78%)
- Blue (97%)



- Red (2%)
- Yellow (44%)
- Blue (97%)



- Cyan (98%)
- Magenta (20%)
- Yellow (0%)
- Black (3%)



- Cyan (98%)
- Magenta (22%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04C7F8 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 04C7F8 by changing the saturation by 10% instead.

 04C7F8

 04C7F8

FFFFFF

 00ACDB

 71FFFF

 0091BF

 94FFFF

 0077A4

 B4FFFF

 005E8A

 D4FFFF

 004670

 F4FFFF

 003057

 001C40

 000329

 000113

■ 04C7F8

■ 04C7F8

■ 00C6F8

■ 1DCCF8

■ 36D1F8

■ 4ED6F8

■ 67DBF8

■ 80E0F8

■ 99E5F8

■ B2EAF8

■ CAEFF8

■ E3F4F8

Harmonies

Analogous

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



00CCD9



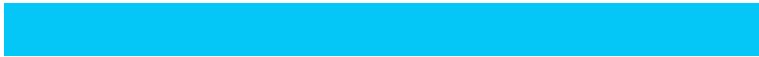
04C7F8



71BDFE

Triad

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



04C7F8



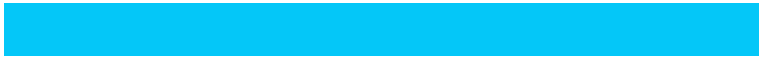
FF99BF



AEC06F

Complementary

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



04C7F8



F83504

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.



D6B368



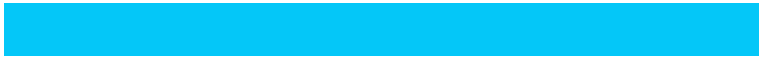
04C7F8



FF9B97

Square

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



04C7F8



E4A1E4



F4A577



7FC88A

Rectangle

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



04C7F8



9FB4FF



F4A577



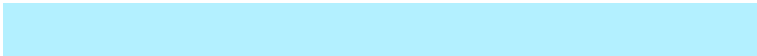
BCBC6A

Sweetspot

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



04C7F8



B3FOFF



04F835



527680



000000



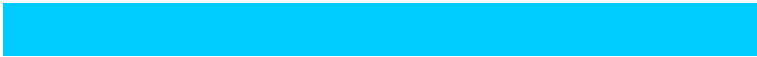
808080

Same Dimension

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



04C7F8



00CCFF



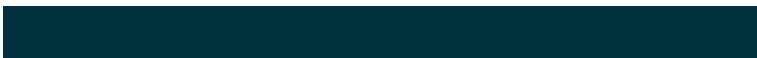
044DF8



707A7D



0097BD



00313D

Inverse Universe

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



F804C7



FF00CC



F8AF04



7D707A



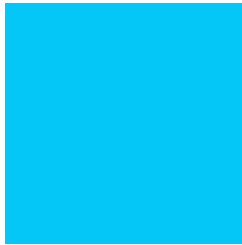
BD0097



3D0031

Previews

White Background



This preview shows how the Hex color 04C7F8 looks on a white background.

Color Contrast Check

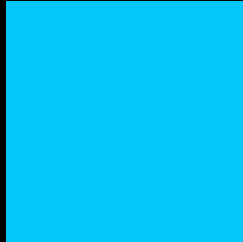
Large Text (above 18pt) WCAG AA × Fail

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 04C7F8 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 04C7F8 Background



This preview shows how black text looks on a background with the Hex color 04C7F8.

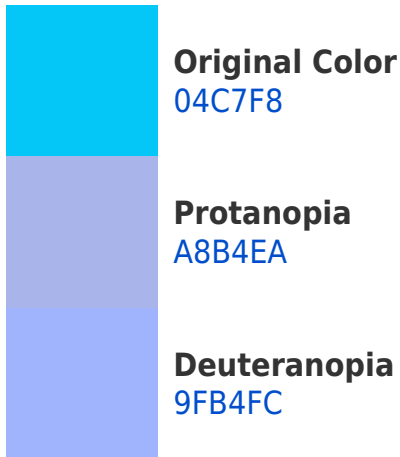


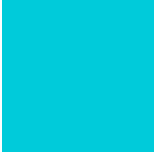
This preview shows how white text looks on a background with the Hex color 04C7F8.

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
00CBDA

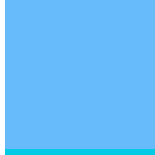
Trichromacy



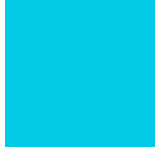
Original Color
04C7F8



Protanomaly
6CBBEF



Deuteranomaly
67BBFB



Tritanomaly
01CAE5

Monochromacy



Original Color
04C7F8



Achromatopsia
929292



Achromatomaly
5EA5B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 04C7F8 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 #04C7F8 looks like.

```
.text, #text, p{  
    color:#04C7F8  
}
```

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 #04C7F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04C7F8
}
```

Border

The CSS property to change the border of an element to Hex 04C7F8 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
#04C7F8 }
```

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

```
.border{ border-color:#04C7F8 }
```

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

Here you see how a box with a 4 pixel #04C7F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04C7F8; -webkit-box-shadow:4px 4px  
4px 4px #04C7F8; box-shadow:4px 4px 4px  
4px #04C7F8 }
```

Background

The CSS property to change the background color of an element to Hex 04C7F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04C7F8 }
```

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

```
.background{ background-color:#04C7F8 }
```

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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