

Converting Colors

Hex(09C5F6)

Have a look what the booklet for
Hex(09C5F6) contains.

Hex(09C5F6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(09C5F6)

Conversions

Conversions Part 1

Format	Color
Hex	09C5F6
RGB	9, 197, 246
RGB Percent	4%, 77%, 96%
CMY	0.9647, 0.2275, 0.0353
CMYK	0.96, 0.20, 0.00, 0.04
HSL	192°, 93%, 50%
HSV	192°, 96%, 96%
XYZ	36.7135, 46.6444, 94.2570
YIQ	146.3740, -127.7770, -24.6170

Conversions

Conversions Part 2

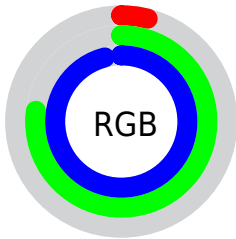
Format	Color
R _Y B	9, 114, 246
Decimal	640502
CIE Lab	73.96, -23.63, -35.50
CIE LCh	74, 42.648, 236.356
Yxy	46.6444, 0.2067, 0.2626
Android (android.graphics.Color)	4278830582 (0xFF09C5F6)
YUV	146.3740, 49.1156, -120.4770
Hunter-Lab	68.2967, -23.5651, -34.0191

Details

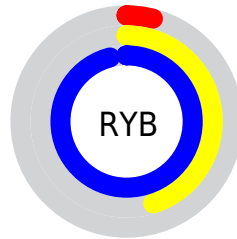
The Hex color **09C5F6** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F63A09**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **72FEFF**, and **008FBD** is the 20% darker color. If you saturate the color by 10%, you get **00C3F6**, and if you desaturate by 10%, it is **22CAF6**.

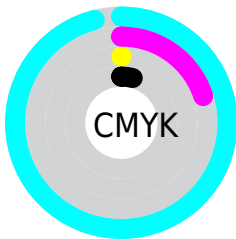
Distribution



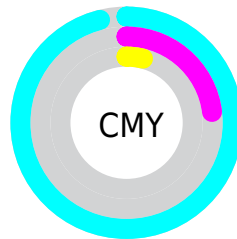
- Red (4%)
- Green (77%)
- Blue (96%)



- Red (4%)
- Yellow (45%)
- Blue (96%)



- Cyan (96%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (96%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09C5F6 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 09C5F6 by changing the saturation by 10% instead.

 09C5F6

 09C5F6

FFFFFF

 00AAD9

 72FEFF

 008FBD

 94FFFF

 0075A2

 B4FFFF

 005C88

 D4FFFF


 00456E

 F4FFFF

 002E56

 001A3E

 000328

 000111

■ 09C5F6

■ 09C5F6

■ 00C3F6

■ 22CAF6

■ 3ACFF6

■ 53D4F6

■ 6BD9F6

■ 84DEF6

■ 9DE4F6

■ B5E9F6

■ CEEEF6

■ E6F3F6

Harmonies

Analogous

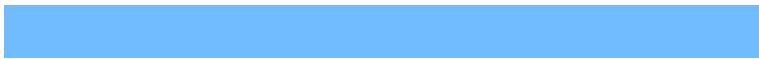
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00CAD7



09C5F6



71BBFF

Triad

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



09C5F6



FD97BC



ACBE6E

Complementary

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



09C5F6



F63A09

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.



D3B267



09C5F6



FF9995

Square

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



09C5F6



E29FE2



F1A476



7DC689

Rectangle

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



09C5F6



9FB2FF



F1A476



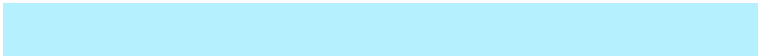
BABA69

Sweetspot

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



09C5F6



B5F0FF



09F638



537680



000000



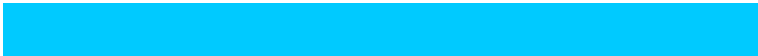
808080

Same Dimension

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



09C5F6



00CAFF



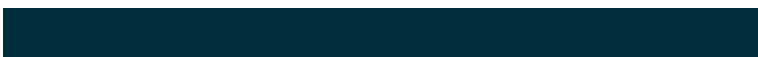
0950F6



6E787A



0094BA



002F3B

Inverse Universe

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



F609C5



FF00CA



F6AF09



7A6E78



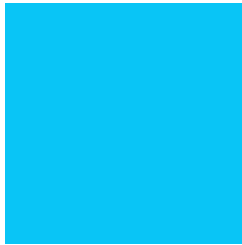
BA0094



3B002F

Previews

White Background



This preview shows how the Hex color 09C5F6 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 09C5F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

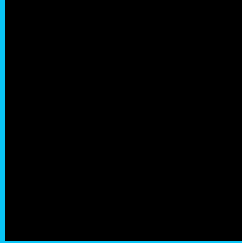
Any Text WCAG AA ✓ Pass

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 09C5F6 Background



This preview shows how black text looks on a background with the Hex color 09C5F6.

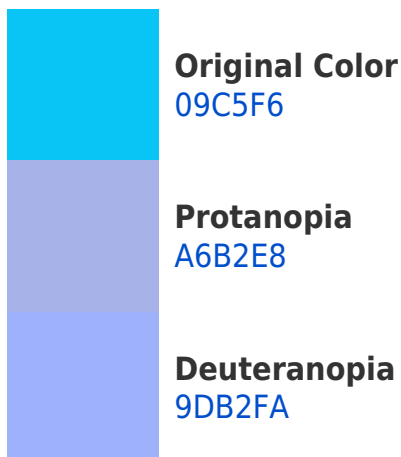


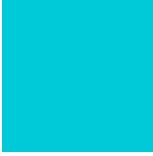
This preview shows how white text looks on a background with the Hex color 09C5F6.

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
00C9D8

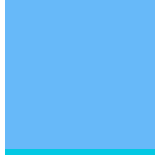
Trichromacy



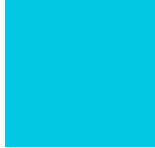
Original Color
09C5F6



Protanomaly
6DB9ED



Deuteranomaly
67B9F9



Tritanomaly
03C8E3

Monochromacy



Original Color
09C5F6



Achromatopsia
929292



Achromatomaly
60A5B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 09C5F6 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 #09C5F6 looks like.

```
.text, #text, p{  
    color:#09C5F6  
}
```

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 #09C5F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09C5F6
}
```

Border

The CSS property to change the border of an element to Hex 09C5F6 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
#09C5F6 }
```

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

```
.border{ border-color:#09C5F6 }
```

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

Here you see how a box with a 4 pixel #09C5F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09C5F6; -webkit-box-shadow:4px 4px  
4px 4px #09C5F6; box-shadow:4px 4px 4px  
4px #09C5F6 }
```

Background

The CSS property to change the background color of an element to Hex 09C5F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09C5F6 }
```

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

```
.background{ background-color:#09C5F6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor