

Converting Colors

Hex(08CCF9)

Have a look what the booklet for
Hex(08CCF9) contains.

| | |
|--|----|
| Hex(08CCF9) | 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(08CCF9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 08CCF9 |
| RGB | 8, 204, 249 |
| RGB Percent | 3%, 80%, 98% |
| CMY | 0.9686, 0.2000, 0.0235 |
| CMYK | 0.97, 0.18, 0.00, 0.02 |
| HSL | 191°, 95%, 50% |
| HSV | 191°, 97%, 98% |
| XYZ | 38.7919, 50.0769, 97.2438 |
| YIQ | 150.5260, -131.2610, -27.5570 |

Conversions

Conversions Part 2

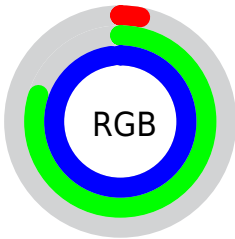
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 8, 116, 249 |
| Decimal | 576761 |
| CIELab | 76.12, -26.17, -33.78 |
| CIELCh | 76, 42.733, 232.236 |
| Yxy | 50.0769, 0.2084, 0.2691 |
| Android (android.graphics.Color) | 4278766841 (0xFF08CCF9) |
| YUV | 150.5260, 48.5477, -124.9953 |
| Hunter-Lab | 70.7650, -25.9889, -31.9395 |

Details

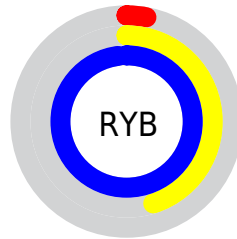
The Hex color **08CCF9** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F93508**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **73FFFF**, and **0096C0** is the 20% darker color. If you saturate the color by 10%, you get **00CBF9**, and if you desaturate by 10%, it is **21D1F9**.

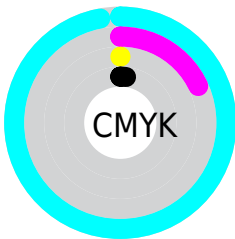
Distribution



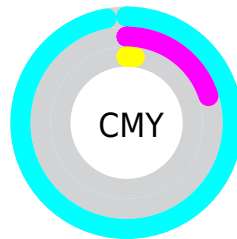
- Red (3%)
- Green (80%)
- Blue (98%)



- Red (3%)
- Yellow (45%)
- Blue (98%)



- Cyan (97%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)




- Cyan (97%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08CCF9 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 08CCF9 by changing the saturation by 10% instead.

 08CCF9

 08CCF9

FFFFFF

 00B0DC

 73FFFF

 0096C0

 95FFFF

 007CA5

 B6FFFF

 00628B

 D6FFFF

 004A71

 F6FFFF

 003358

 002041

 00032A

 000115

 08CCF9

 08CCF9

 00CBF9

 21D1F9

 3AD5F9

 53DAF9

 6CDFF9

 84E3F9

 9DE8F9

 B6EDF9

 CFF1F9

 E8F6F9

Harmonies

Analogous

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



00D0D8



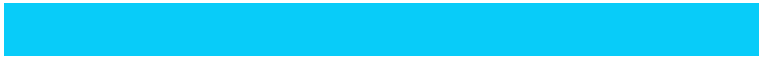
08CCF9



6DC3FF

Triad

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



08CCF9



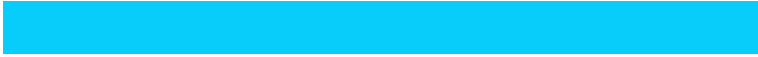
FF9EC8



B8C271

Complementary

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



08CCF9



F93508

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.



DEB66D



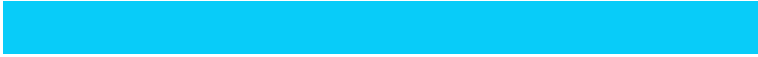
08CCF9



FF9EA0

Square

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



08CCF9



E3A7EC



FBA87F



8ACB8A

Rectangle

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



08CCF9



9CBAFF



FBA87F



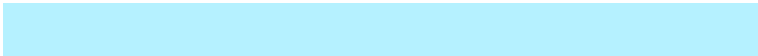
C5BF6D

Sweetspot

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



08CCF9



B5F1FF



08F934



537780



000000



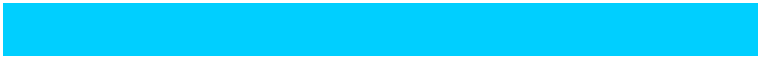
808080

Same Dimension

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



08CCF9



00CFFF



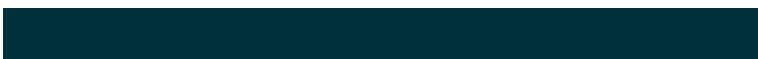
0854F9



707B7D



0099BD



00323D

Inverse Universe

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



F908CC



FF00CF



F9AD08



7D707B



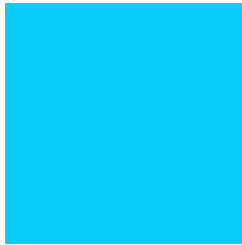
BD0099



3D0032

Previews

White Background



This preview shows how the Hex color 08CCF9 looks on a white background.

Color Contrast Check

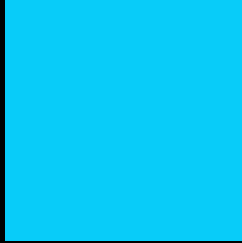
Large Text (above 18pt) WCAG AA × Fail

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 08CCF9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

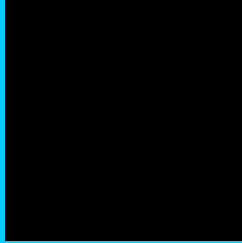
Any Text WCAG AA ✓ Pass

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 08CCF9 Background



This preview shows how black text looks on a background with the Hex color 08CCF9.

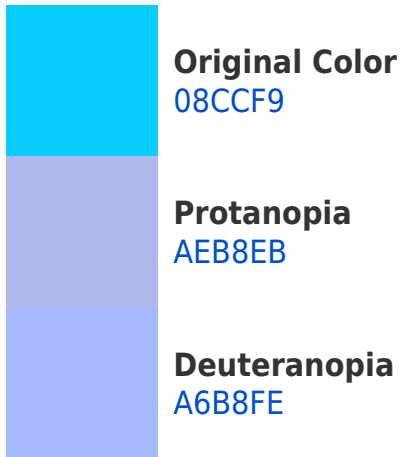


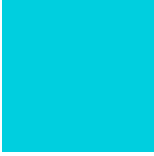
This preview shows how white text looks on a background with the Hex color 08CCF9.

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





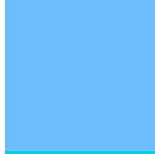
Trichromacy



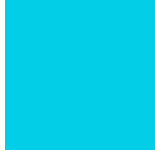
Original Color
08CCF9



Protanomaly
72BFF0



Deuteranomaly
6DBFFC

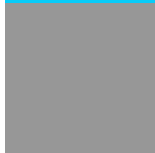


Tritanomaly
03CEE8

Monochromacy



Original Color
08CCF9



Achromatopsia
979797



Achromatomaly
63AABB

CSS Examples

Text

The CSS property to change the color of the text to Hex 08CCF9 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 #08CCF9 looks like.

```
.text, #text, p{  
    color:#08CCF9  
}
```

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 #08CCF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08CCF9
}
```

Border

The CSS property to change the border of an element to Hex 08CCF9 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
#08CCF9 }
```

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

```
.border{ border-color:#08CCF9 }
```

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

Here you see how a box with a 4 pixel #08CCF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08CCF9; -webkit-box-shadow:4px 4px  
4px 4px #08CCF9; box-shadow:4px 4px 4px  
4px #08CCF9 }
```

Background

The CSS property to change the background color of an element to Hex 08CCF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08CCF9 }
```

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

```
.background{ background-color:#08CCF9 }
```

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