

# Converting Colors

Hex(08B7FA)

Have a look what the booklet for  
Hex(08B7FA) contains.

<b>Hex(08B7FA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(08B7FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	08B7FA
RGB	8, 183, 250
RGB Percent	3%, 72%, 98%
CMY	0.9686, 0.2824, 0.0196
CMYK	0.97, 0.27, 0.00, 0.02
HSL	197°, 96%, 51%
HSV	197°, 97%, 98%
XYZ	34.2889, 40.8207, 96.5144
YIQ	138.3130, -125.8070, -16.2630

# Conversions

## Conversions Part 2

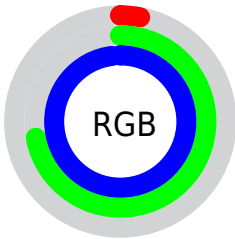
Format	Color
R <sub>Y</sub> B	8, 110, 250
Decimal	571386
CIE Lab	70.05, -14.97, -43.76
CIE LCh	70, 46.247, 251.117
Yxy	40.8207, 0.1998, 0.2378
Android (android.graphics.Color)	4278761466 (0xFF08B7FA)
YUV	138.3130, 55.0617, -114.2845
Hunter-Lab	63.8911, -16.0124, -44.8402

# Details

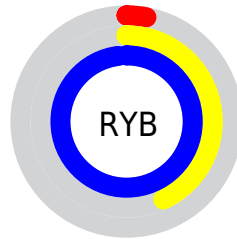
The Hex color **08B7FA** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **FA4B08**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **71EFFF**, and **0082C1** is the 20% darker color. If you saturate the color by 10%, you get **00B5FA**, and if you desaturate by 10%, it is **21BEFA**.

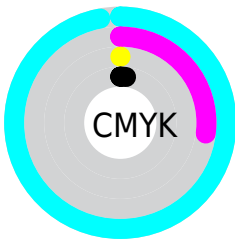
# Distribution



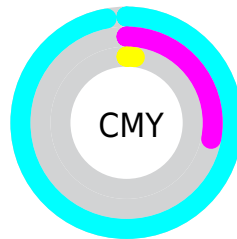
- Red (3%)
- Green (72%)
- Blue (98%)



- Red (3%)
- Yellow (43%)
- Blue (98%)



- Cyan (97%)
- Magenta (27%)
- Yellow (0%)
- Black (2%)



- Cyan (97%)
- Magenta (28%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 08B7FA 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 08B7FA by changing the saturation by 10% instead.



08B7FA

08B7FA

FFFFFF

009CDD

71EFFF

0082C1

93FFFF

0069A6

B4FFFF

00518B

D4FFFF

003A71

F3FFFF

002558

000741

00032A

000114

 08B7FA

 08B7FA

 00B5FA

 21BEFA

 3AC5FA

 53CCFA

 6CD3FA

 85DAFA

 9EE1FA

 B7E7FA

 D0EEFA

 E9F5FA

# Harmonies

## Analogous

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



00BFE1



08B7FA



84AAFD

# Triad

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



08B7FA



FB899D



88B96A

# Complementary

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



08B7FA



FA4B08

# 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.



B6AE56



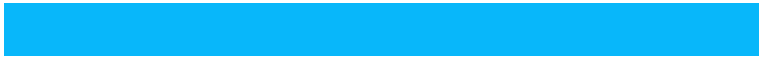
08B7FA



F49176

# Square

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



08B7FA



EB8DC7



DB9F5B



4DBF8F

# Rectangle

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



08B7FA



B1A0F3



DB9F5B



98B661

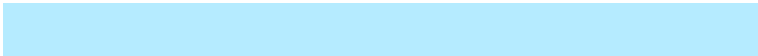


# Sweetspot

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



08B7FA



B5EBFF



08FA49



537380



000000



808080

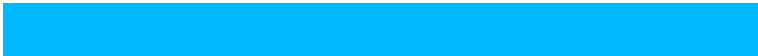


# Same Dimension

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



08B7FA



00B8FF



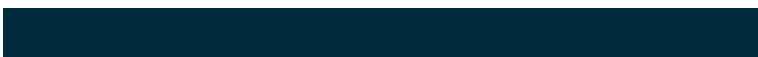
0840FA



70797D



0088BD



002C3D



# Inverse Universe

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



FA08B7



FF00B8



FAC208



7D7079



BD0088

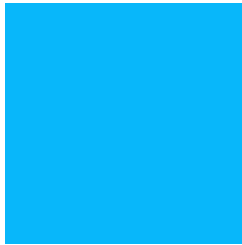


3D002C



# Previews

## White Background



This preview shows how the Hex color 08B7FA looks on a white background.

## Color Contrast Check

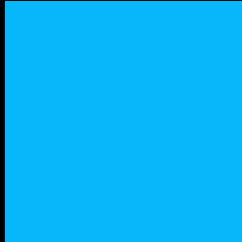
Large Text (above 18pt) WCAG AA × Fail

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 08B7FA 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

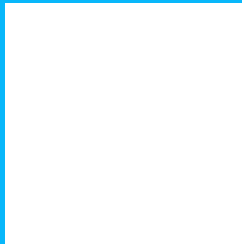
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 08B7FA Background



This preview shows how black text looks on a background with the Hex color 08B7FA.

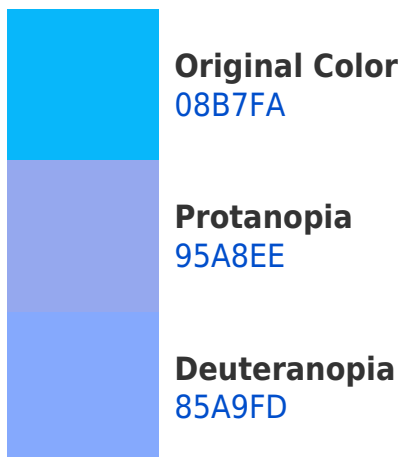


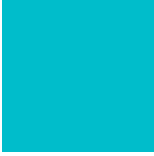
This preview shows how white text looks on a background with the Hex color 08B7FA.

# 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**  
00BDCB

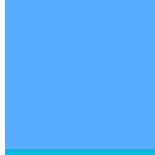
# Trichromacy



**Original Color**  
08B7FA



**Protanomaly**  
62ADF2



**Deuteranomaly**  
58AEFC



**Tritanomaly**  
03BBDC

# Monochromacy



**Original Color**  
08B7FA



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
5B9AB3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 08B7FA 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 #08B7FA looks like.

```
.text, #text, p{  
    color:#08B7FA  
}
```

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 #08B7FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08B7FA
}
```

## Border

The CSS property to change the border of an element to Hex 08B7FA 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
#08B7FA }
```

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

```
.border{ border-color:#08B7FA }
```

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

Here you see how a box with a 4 pixel #08B7FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08B7FA; -webkit-box-shadow:4px 4px  
4px 4px #08B7FA; box-shadow:4px 4px 4px  
4px #08B7FA }
```

# Background

The CSS property to change the background color of an element to Hex 08B7FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08B7FA }
```

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

```
.background{ background-color:#08B7FA }
```

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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