

Converting Colors

Hex(09B7FD)

Have a look what the booklet for
Hex(09B7FD) contains.

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Color

Hex(09B7FD)

Conversions

Conversions Part 1

Format	Color
Hex	09B7FD
RGB	9, 183, 253
RGB Percent	4%, 72%, 99%
CMY	0.9647, 0.2824, 0.0078
CMYK	0.96, 0.28, 0.00, 0.01
HSL	197°, 98%, 51%
HSV	197°, 96%, 99%
XYZ	34.7758, 41.0169, 99.0127
YIQ	138.9540, -126.1740, -15.1180

Conversions

Conversions Part 2

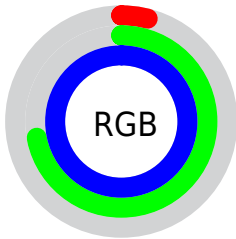
Format	Color
R _Y B	9, 111, 253
Decimal	636925
CIE Lab	70.19, -13.88, -45.16
CIE LCh	70, 47.250, 252.913
Yxy	41.0169, 0.1989, 0.2346
Android (android.graphics.Color)	4278827005 (0xFF09B7FD)
YUV	138.9540, 56.2247, -113.9697
Hunter-Lab	64.0444, -15.1533, -46.8312

Details

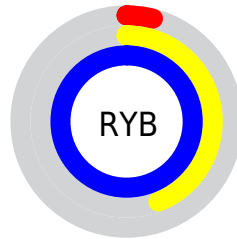
The Hex color **09B7FD** is a dark color, and the websafe version is hex **66CCFF**. The color can be described as middle saturated azure. A complement of this color would be **FD4F09**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **72EFFF**, and **0082C4** is the 20% darker color. If you saturate the color by 10%, you get **00B4FD**, and if you desaturate by 10%, it is **22BEFD**.

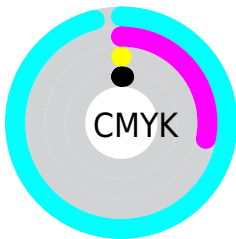
Distribution



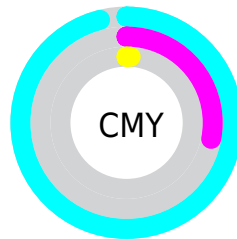
- Red (4%)
- Green (72%)
- Blue (99%)



- Red (4%)
- Yellow (44%)
- Blue (99%)



- Cyan (96%)
- Magenta (28%)
- Yellow (0%)
- Black (1%)



- Cyan (96%)
- Magenta (28%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09B7FD 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 09B7FD by changing the saturation by 10% instead.

 09B7FD

 09B7FD

FFFFFF

 009CE0

 72EFFF

 0082C4

 94FFFF

 0069A8

 B5FFFF

 00518E

 D5FFFF

 003A74

 F4FFFF

 00255B

 000943

 00032C

 000116

09B7FD

09B7FD

00B4FD

22BEFD

3CC6FD

55CDFD

6ED4FD

88DBFD

A1E3FD

BAEAFD

D3F1FD

EDF8FD

Harmonies

Analogous

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



00BFE5



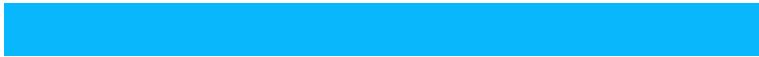
09B7FD



87AAFF

Triad

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



09B7FD



FD889B



84BA6B

Complementary

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



09B7FD



FD4F09

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.



B4AF55



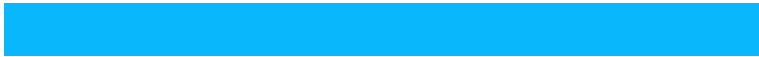
09B7FD



F59173

Square

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



09B7FD



EF8CC6



DBA159



45C091

Rectangle

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



09B7FD



B59FF4



DBA159



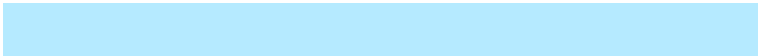
95B761

Sweetspot

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



09B7FD



B5EAFF



09FD4E



537380



000000



808080

Same Dimension

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



09B7FD



00B6FF



093EFD



737C80



0088BF



002D40

Inverse Universe

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



FD09B7



FF00B6



FDC809



80737C



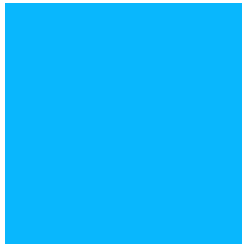
BF0088



40002D

Previews

White Background



This preview shows how the Hex color 09B7FD looks on a white background.

Color Contrast Check

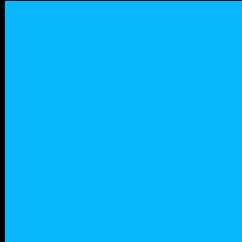
Large Text (above 18pt) WCAG AA × Fail

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 09B7FD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

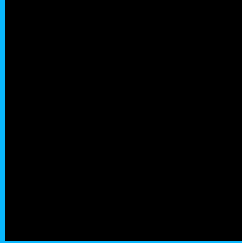
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

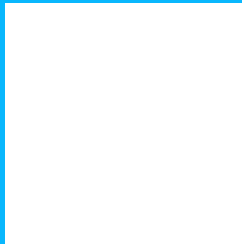
Any Text WCAG AAA ✓ Pass

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

Hex 09B7FD Background



This preview shows how black text looks on a background with the Hex color 09B7FD.

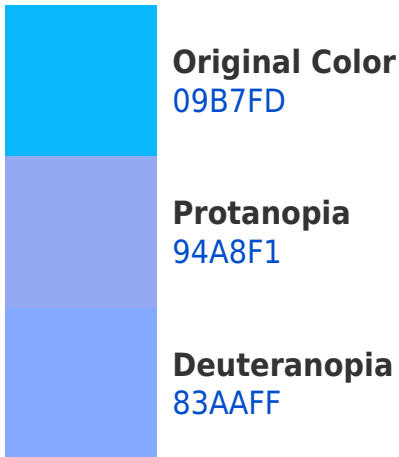


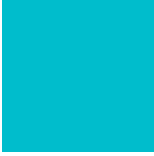
This preview shows how white text looks on a background with the Hex color 09B7FD.

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





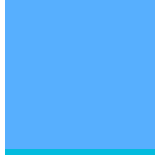
Trichromacy



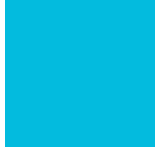
Original Color
09B7FD



Protanomaly
61ADF5



Deuteranomaly
57AFFE



Tritanomaly
03BBDE

Monochromacy



Original Color
09B7FD



Achromatopsia
8B8B8B



Achromatomaly
5C9BB4

CSS Examples

Text

The CSS property to change the color of the text to Hex 09B7FD 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 #09B7FD looks like.

```
.text, #text, p{  
    color:#09B7FD  
}
```

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 #09B7FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09B7FD
}
```

Border

The CSS property to change the border of an element to Hex 09B7FD 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
#09B7FD }
```

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

```
.border{ border-color:#09B7FD }
```

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

Here you see how a box with a 4 pixel #09B7FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09B7FD; -webkit-box-shadow:4px 4px  
4px 4px #09B7FD; box-shadow:4px 4px 4px  
4px #09B7FD }
```

Background

The CSS property to change the background color of an element to Hex 09B7FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09B7FD }
```

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

```
.background{ background-color:#09B7FD }
```

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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