

Converting Colors

Hex(09BBFC)

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

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Color

Hex(09BBFC)

Conversions

Conversions Part 1

Format	Color
Hex	09BBFC
RGB	9, 187, 252
RGB Percent	4%, 73%, 99%
CMY	0.9647, 0.2667, 0.0118
CMYK	0.96, 0.26, 0.00, 0.01
HSL	196°, 98%, 51%
HSV	196°, 96%, 99%
XYZ	35.4537, 42.6270, 98.4547
YIQ	141.1880, -126.9530, -17.5210

Conversions

Conversions Part 2

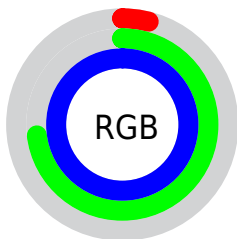
Format	Color
RYB	9, 112, 252
Decimal	637948
CIELab	71.30, -16.37, -42.88
CIELCh	71, 45.900, 249.101
Yxy	42.6270, 0.2008, 0.2415
Android (android.graphics.Color)	4278828028 (0xFF09BBFC)
YUV	141.1880, 54.6303, -115.9289
Hunter-Lab	65.2894, -17.3266, -43.7053

Details

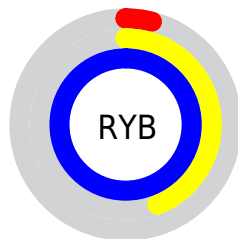
The Hex color **09BBFC** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **FC4A09**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **72F3FF**, and **0086C3** is the 20% darker color. If you saturate the color by 10%, you get **00B9FC**, and if you desaturate by 10%, it is **22C2FC**.

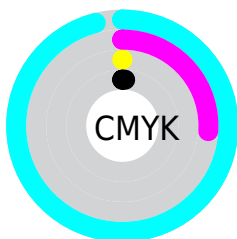
Distribution



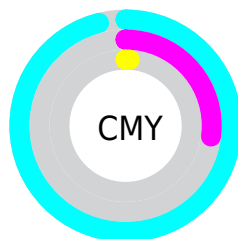
- Red (4%)
- Green (73%)
- Blue (99%)



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



- Cyan (96%)
- Magenta (26%)
- Yellow (0%)
- Black (1%)



- Cyan (96%)
- Magenta (27%)
- Yellow (1%)

Brightness & Saturation Gradients

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

 09BBFC

 09BBFC

FFFFFF

 00A0DF

 72F3FF

 0086C3

 94FFFF

 006DA8

 B5FFFF


 00548D

 D5FFFF

 003D73

 F4FFFF

 00285A

 000F42

 00032B

 000116

 09BBFC

 09BBFC

 00B9FC

 22C2FC

 3BC8FC

 55CFFC

 6ED6FC

 87DDFC

 A0E3FC

 B9EAFC

 D3F1FC

 ECF8FC

Harmonies

Analogous

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



00C2E2



09BBFC



83AFFF

Triad

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



09BBFC



FE8CA3



8FBB6C

Complementary

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



09BBFC



FC4A09

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.



BCB05A



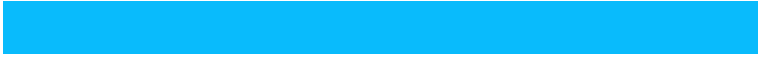
09BBFC



F9947C

Square

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



09BBFC



ED91CD



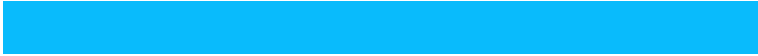
E1A260



57C28F

Rectangle

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



09BBFC



B0A4F8



E1A260



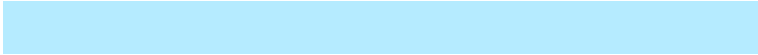
9FB863

Sweetspot

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



09BBFC



B5EBFF



09FC4A



537480



000000



808080

Same Dimension

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



09BBFC



00BBFF



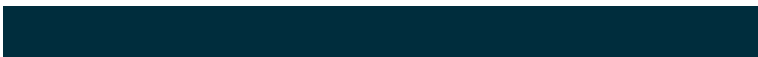
0942FC



707A7D



008ABD



002D3D

Inverse Universe

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



FC09BB



FF00BB



FCC309



7D707A



BD008A



3D002D

Previews

White Background



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

Color Contrast Check

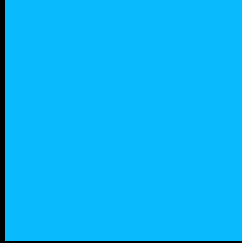
Large Text (above 18pt) WCAG AA × Fail

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 09BBFC 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

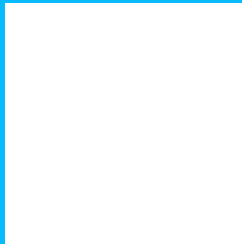
Any Text WCAG AAA ✓ Pass

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

Hex 09BBFC Background



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



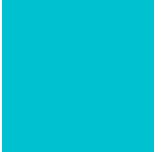
This preview shows how white text looks on a background with the Hex color 09BBFC.

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
00C1CF

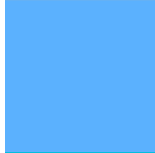
Trichromacy



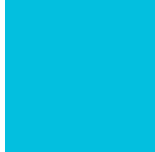
Original Color
09BBFC



Protanomaly
65B1F4



Deuteranomaly
5BB1FE



Tritanomaly
03BFDf

Monochromacy



Original Color
09BBFC



Achromatopsia
8D8D8D



Achromatomaly
5D9EB5

CSS Examples

Text

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

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

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 #09BBFC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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