

Converting Colors

Hex(090CFC)

Have a look what the booklet for
Hex(090CFC) contains.

Hex(090CFC)	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(090CFC)

Conversions

Conversions Part 1

Format	Color
Hex	090CFC
RGB	9, 12, 252
RGB Percent	4%, 5%, 99%
CMY	0.9647, 0.9529, 0.0118
CMYK	0.96, 0.95, 0.00, 0.01
HSL	239°, 98%, 51%
HSV	239°, 96%, 99%
XYZ	17.8148, 7.3493, 92.5751
YIQ	38.4630, -78.8280, 74.0040

Conversions

Conversions Part 2

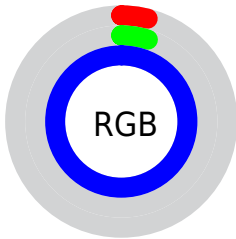
Format	Color
R _Y B	9, 12, 252
Decimal	593148
CIE Lab	32.59, 76.71, -105.70
CIE LCh	33, 130.597, 305.970
Yxy	7.3493, 0.1513, 0.0624
Android (android.graphics.Color)	4278783228 (0xFF090CFC)
YUV	38.4630, 105.2737, -25.8391
Hunter-Lab	27.1096, 69.8579, -183.4895

Details

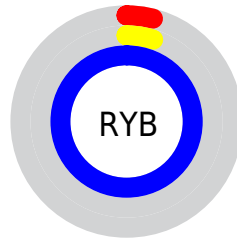
The Hex color **090CFC** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **FCF909**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **794BFF**, and **0000C1** is the 20% darker color. If you saturate the color by 10%, you get **0003FC**, and if you desaturate by 10%, it is **2225FC**.

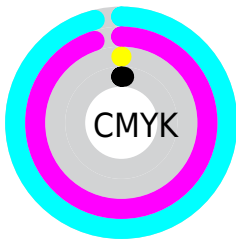
Distribution



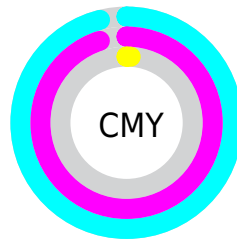
- Red (4%)
- Green (5%)
- Blue (99%)



- Red (4%)
- Yellow (5%)
- Blue (99%)



- Cyan (96%)
- Magenta (95%)
- Yellow (0%)
- Black (1%)



- Cyan (96%)
- Magenta (95%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 090CFC 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 090CFC by changing the saturation by 10% instead.

 090CFC

 090CFC

FFFFFF

 0000DE

 794BFF

 0000C1

 9D67FF

 0000A5

 BF82FF

 00008A

 E09EFF

 00126F

 FFBAFF

 000C55

 FFD7FF

 00063D

 FFF4FF

 000326

 00010F

■ 090CFC

■ 090CFC

■ 0003FC

■ 2225FC

■ 3B3EFC

■ 5557FC

■ 6E70FC

■ 8788FC

■ A0A1FC

■ B9BAFC

■ D3D3FC

■ ECEFCFC

Harmonies

Analogous

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



005EFF



090CFC



CA00A4

Triad

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



090CFC



9C0E00



006960

Complementary

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



090CFC



FCF909

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.



006600



090CFC



4C5100

Square

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



090CFC



D40000



006100



006DC8

Rectangle

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



090CFC



E70060



006100



00683C

Sweetspot

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



090CFC



B5B6FF



09FCF8



535380



000000



808080

Same Dimension

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



090CFC



0003FF



7E09FC



70717D



0002BD



00013D

Inverse Universe

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



FC090C



FF0003



87FC09



7D7071



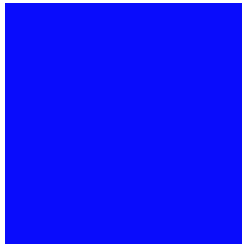
BD0002



3D0001

Previews

White Background



This preview shows how the Hex color 090CFC looks on a white background.

Color Contrast Check

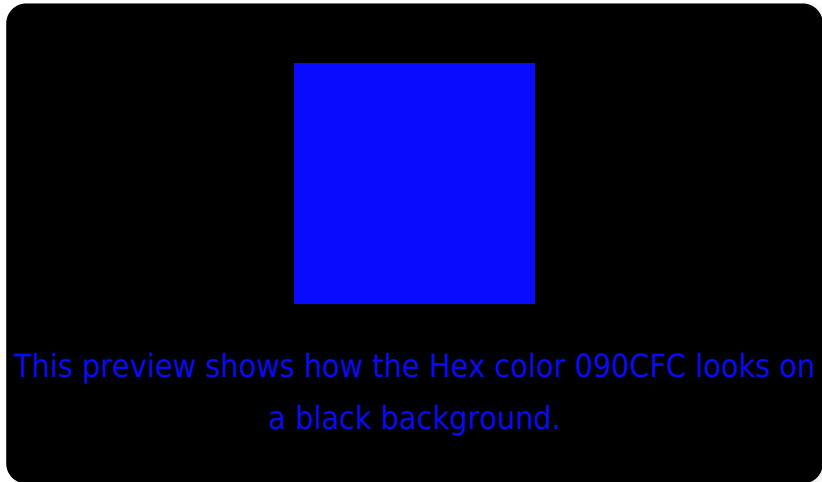
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Hex 090CFC Background



This preview shows how black text looks on a background with the Hex color 090CFC.



This preview shows how white text looks on a background with the Hex color 090CFC.

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



Original Color
090CFC

Protanopia
004A9B

Deuteranopia
004F83

Trichromacy



Original Color
090CFC

Protanomaly
0333BE

Deuteranomaly
0337AF

Tritanomaly
033A94

Monochromacy



Original Color
090CFC

Achromatopsia
262626

Achromatomaly
1B1D74

CSS Examples

Text

The CSS property to change the color of the text to Hex 090CFC 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 #090CFC looks like.

```
.text, #text, p{  
    color:#090CFC  
}
```

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 #090CFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #090CFC
}
```

Border

The CSS property to change the border of an element to Hex 090CFC is called "border". The border property can be set on classes, ids or directly on the HTML element.

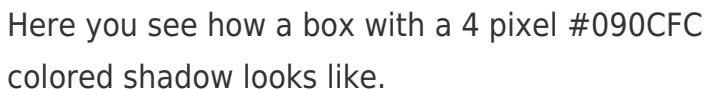
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#090CFC }
```

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

```
.border{ border-color:#090CFC }
```

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



Here you see how a box with a 4 pixel #090CFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #090CFC; -webkit-box-shadow:4px 4px  
4px 4px #090CFC; box-shadow:4px 4px 4px  
4px #090CFC }
```

Background

The CSS property to change the background color of an element to Hex 090CFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#090CFC }
```

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

```
.background{ background-color:#090CFC }
```

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