

Converting Colors

Hex(094CF7)

Have a look what the booklet for
Hex(094CF7) contains.

Hex(094CF7)	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(094CF7)

Conversions

Conversions Part 1

Format	Color
Hex	094CF7
RGB	9, 76, 247
RGB Percent	4%, 30%, 97%
CMY	0.9647, 0.7020, 0.0314
CMYK	0.96, 0.69, 0.00, 0.03
HSL	223°, 94%, 50%
HSV	223°, 96%, 97%
XYZ	19.4856, 11.9424, 89.2738
YIQ	75.4610, -94.8230, 38.9770

Conversions

Conversions Part 2

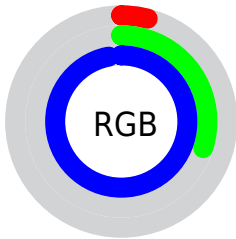
Format	Color
R _Y B	9, 61, 247
Decimal	609527
CIE Lab	41.12, 48.60, -88.70
CIE LCh	41, 101.141, 298.718
Yxy	11.9424, 0.1614, 0.0989
Android (android.graphics.Color)	4278799607 (0xFF094CF7)
YUV	75.4610, 84.5687, -58.2863
Hunter-Lab	34.5577, 40.1724, -128.9749

Details

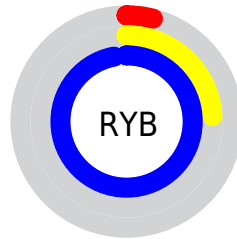
The Hex color **094CF7** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **F7B409**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **737DFF**, and **0020BD** is the 20% darker color. If you saturate the color by 10%, you get **0046F7**, and if you desaturate by 10%, it is **225EF7**.

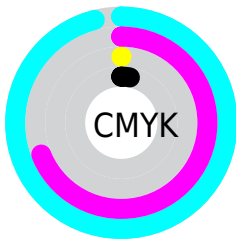
Distribution



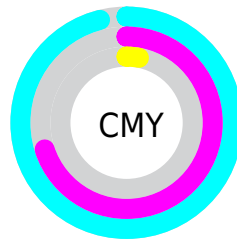
- Red (4%)
- Green (30%)
- Blue (97%)



- Red (4%)
- Yellow (24%)
- Blue (97%)



- Cyan (96%)
- Magenta (69%)
- Yellow (0%)
- Black (3%)




- Cyan (96%)
- Magenta (70%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 094CF7 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 094CF7 by changing the saturation by 10% instead.

 094CF7

 094CF7


FFFFFF

 0035DA

 737DFF

 0020BD

 9697FF

 000FA1

 B6B2FF

 000086

 D7CDFF

 000B6B

 F7EAFF

 000B52

 00053A

 000223

 00000B

■ 094CF7

■ 094CF7

■ 0046F7

■ 225EF7

■ 3A6FF7

■ 5381F7

■ 6C93F7

■ 85A5F7

■ 9DB6F7

■ B6C8F7

■ CFDAF7

■ E7ECF7

Harmonies

Analogous

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



0070FF



094CF7



BA00B9

Triad

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



094CF7



B72E00



007D5B

Complementary

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



094CF7



F7B409

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.



007A00



094CF7



7A5E00

Square

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



094CF7



DE0018



137200



007FB0

Rectangle

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



094CF7



DD0084



137200



007D3D

Sweetspot

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



094CF7



B5CAFF



09F7B4



535F80



000000



808080

Same Dimension

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



094CF7



0048FF



3D09F7



6E727A



0034BA



00113B

Inverse Universe

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



F7094C



FF0048



C3F709



7A6E72



BA0034



3B0011

Previews

White Background



This preview shows how the Hex color 094CF7 looks on a white background.

Color Contrast Check

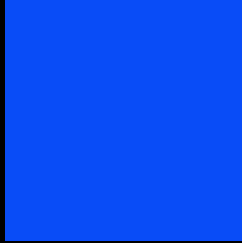
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 094CF7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

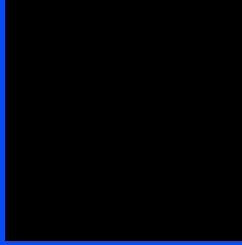
Any Text WCAG AA × Fail

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 094CF7 Background



This preview shows how black text looks on a background with the Hex color 094CF7.

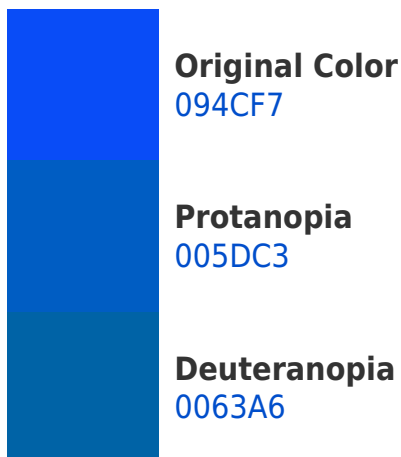


This preview shows how white text looks on a background with the Hex color 094CF7.

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
006B70

Trichromacy



Original Color
094CF7

Protanomaly
0357D6

Deuteranomaly
035BC3

Tritanomaly
0360A1

Monochromacy



Original Color
094CF7

Achromatopsia
4B4B4B

Achromatomaly
334B8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 094CF7 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 #094CF7 looks like.

```
.text, #text, p{  
    color:#094CF7  
}
```

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 #094CF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #094CF7
}
```

Border

The CSS property to change the border of an element to Hex 094CF7 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
#094CF7 }
```

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

```
.border{ border-color:#094CF7 }
```

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

Here you see how a box with a 4 pixel #094CF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #094CF7; -webkit-box-shadow:4px 4px  
4px 4px #094CF7; box-shadow:4px 4px 4px  
4px #094CF7 }
```

Background

The CSS property to change the background color of an element to Hex 094CF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#094CF7 }
```

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

```
.background{ background-color:#094CF7 }
```

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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