

Converting Colors

Hex(094CF6)

Have a look what the booklet for
Hex(094CF6) contains.

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Color

Hex(094CF6)

Conversions

Conversions Part 1

Format	Color
Hex	094CF6
RGB	9, 76, 246
RGB Percent	4%, 30%, 96%
CMY	0.9647, 0.7020, 0.0353
CMYK	0.96, 0.69, 0.00, 0.04
HSL	223°, 93%, 50%
HSV	223°, 96%, 96%
XYZ	19.3317, 11.8808, 88.4631
YIQ	75.3470, -94.5020, 38.6660

Conversions

Conversions Part 2

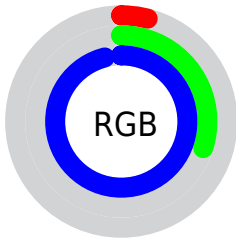
Format	Color
R _Y B	9, 61, 246
Decimal	609526
CIE Lab	41.03, 48.24, -88.30
CIE LCh	41, 100.621, 298.650
Yxy	11.8808, 0.1615, 0.0993
Android (android.graphics.Color)	4278799606 (0xFF094CF6)
YUV	75.3470, 84.1319, -58.1863
Hunter-Lab	34.4685, 39.7918, -128.0393

Details

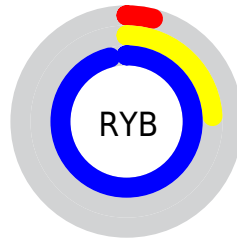
The Hex color **094CF6** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **F6B309**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **737DFF**, and **0020BC** is the 20% darker color. If you saturate the color by 10%, you get **0046F6**, and if you desaturate by 10%, it is **225EF6**.

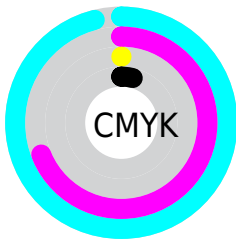
Distribution



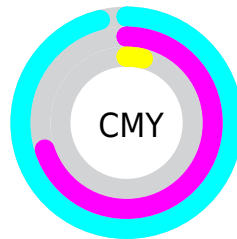
- Red (4%)
- Green (30%)
- Blue (96%)



- Red (4%)
- Yellow (24%)
- Blue (96%)



- Cyan (96%)
- Magenta (69%)
- Yellow (0%)
- Black (4%)



- Cyan (96%)
- Magenta (70%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 094CF6 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 094CF6 by changing the saturation by 10% instead.

 094CF6

 094CF6

FFFFFF

 0035D9

 737DFF

 0020BC

 9597FF

 000FA0

 B6B2FF

 000085

 D6CDFF

 000B6B

 F6E AFF

 000B51

 000539

 000223

 000009

■ 094CF6

■ 094CF6

■ 0046F6

■ 225EF6

■ 3A6FF6

■ 5381F6

■ 6B93F6

■ 84A4F6

■ 9DB6F6

■ B5C8F6

■ CED9F6

■ E6EBF6

Harmonies

Analogous

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



0070FF



094CF6



B900B9

Triad

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



094CF6



B62E00



007D5B

Complementary

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



094CF6



F6B309

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



094CF6



7A5D00

Square

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



094CF6



DE0019



157100



007FAF

Rectangle

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



094CF6



DC0084



157100



007C3D

Sweetspot

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



094CF6



B5CAFF



09F6B3



535F80



000000



808080

Same Dimension

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



094CF6



0048FF



3C09F6



6E727A



0035BA



00113B

Inverse Universe

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



F6094C



FF0048



C3F609



7A6E72



BA0035



3B0011

Previews

White Background



This preview shows how the Hex color 094CF6 looks on a white background.

Color Contrast Check

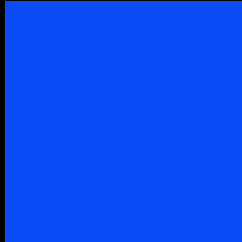
Large Text (above 18pt) WCAG AA ✓ Pass

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 094CF6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

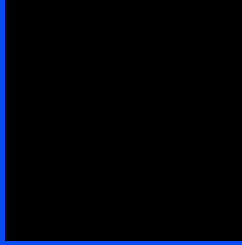
Any Text WCAG AA × Fail

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 094CF6 Background



This preview shows how black text looks on a background with the Hex color 094CF6.



This preview shows how white text looks on a background with the Hex color 094CF6.

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
094CF6

Protanopia
005CC3

Deuteranopia
0063A6



Tritanopia
006B70

Trichromacy



Original Color
094CF6

Protanomaly
0356D6

Deuteranomaly
035BC3

Tritanomaly
0360A1

Monochromacy



Original Color
094CF6

Achromatopsia
4B4B4B

Achromatomaly
334B89

CSS Examples

Text

The CSS property to change the color of the text to Hex 094CF6 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 #094CF6 looks like.

```
.text, #text, p{  
    color:#094CF6  
}
```

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 #094CF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #094CF6
}
```

Border

The CSS property to change the border of an element to Hex 094CF6 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
#094CF6 }
```

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

```
.border{ border-color:#094CF6 }
```

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

Here you see how a box with a 4 pixel #094CF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #094CF6; -webkit-box-shadow:4px 4px  
4px 4px #094CF6; box-shadow:4px 4px 4px  
4px #094CF6 }
```

Background

The CSS property to change the background color of an element to Hex 094CF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#094CF6 }
```

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

```
.background{ background-color:#094CF6 }
```

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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