

Converting Colors

Hex(0894F7)

Have a look what the booklet for
Hex(0894F7) contains.

Hex(0894F7)	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(0894F7)

Conversions

Conversions Part 1

Format	Color
Hex	0894F7
RGB	8, 148, 247
RGB Percent	3%, 58%, 97%
CMY	0.9686, 0.4196, 0.0314
CMYK	0.97, 0.40, 0.00, 0.03
HSL	205°, 94%, 50%
HSV	205°, 97%, 97%
XYZ	27.4785, 27.9468, 91.9417
YIQ	117.4260, -115.2190, 1.1090

Conversions

Conversions Part 2

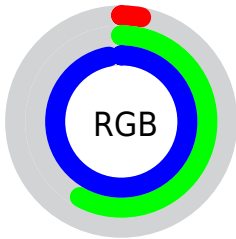
Format	Color
RYB	8, 96, 247
Decimal	562423
CIELab	59.84, 3.71, -58.28
CIELCh	60, 58.396, 273.647
Yxy	27.9468, 0.1865, 0.1896
Android (android.graphics.Color)	4278752503 (0xFF0894F7)
YUV	117.4260, 63.8800, -95.9666
Hunter-Lab	52.8648, 0.2691, -66.1110

Details

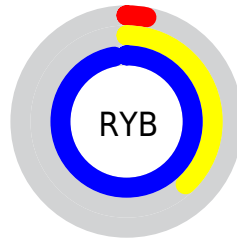
The Hex color **0894F7** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F76B08**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **6FCAFF**, and **0062BE** is the 20% darker color. If you saturate the color by 10%, you get **0091F7**, and if you desaturate by 10%, it is **219EF7**.

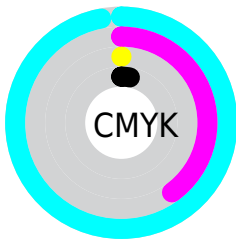
Distribution



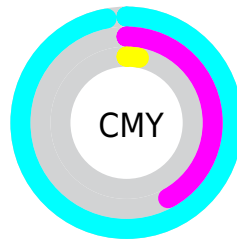
- Red (3%)
- Green (58%)
- Blue (97%)



- Red (3%)
- Yellow (38%)
- Blue (97%)



- Cyan (97%)
- Magenta (40%)
- Yellow (0%)
- Black (3%)




- Cyan (97%)
- Magenta (42%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0894F7 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 0894F7 by changing the saturation by 10% instead.

 0894F7

 0894F7

FFFFFF

 007BDA

 6FCAFF

 0062BE

 91E5FF

 004BA2

 B1FFFF

 003588

 D1FFFF


 00226E

 F0FFFF

 000955

 00063D

 000226

 00010F

■ 0894F7

■ 0894F7

■ 0091F7

■ 219EF7

■ 39A8F7

■ 52B3F7

■ 6BBDF7

■ 83C7F7

■ 9CD1F7

■ B5DCF7

■ CEE6F7

■ E6F0F7

Harmonies

Analogous

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



00A1EC



0894F7



9A80E6

Triad

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



0894F7



E8685A



07A560

Complementary

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



0894F7



F76B08

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.



709D33



0894F7



CE7D31

Square

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



0894F7



EC5F8C



A5901D



00A995

Rectangle

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



0894F7



C471CE



A5901D



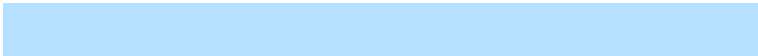
3FA350

Sweetspot

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



0894F7



B5E0FF



08F768



536D80



000000



808080

Same Dimension

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



0894F7



0095FF



0820F7



6E757A



006DBA



00223B

Inverse Universe

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



F70894



FF0095



F7DF08



7A6E75



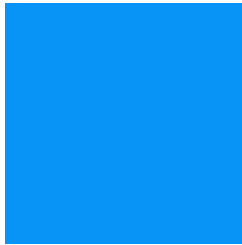
BA006D



3B0022

Previews

White Background



This preview shows how the Hex color 0894F7 looks on a white background.

Color Contrast Check

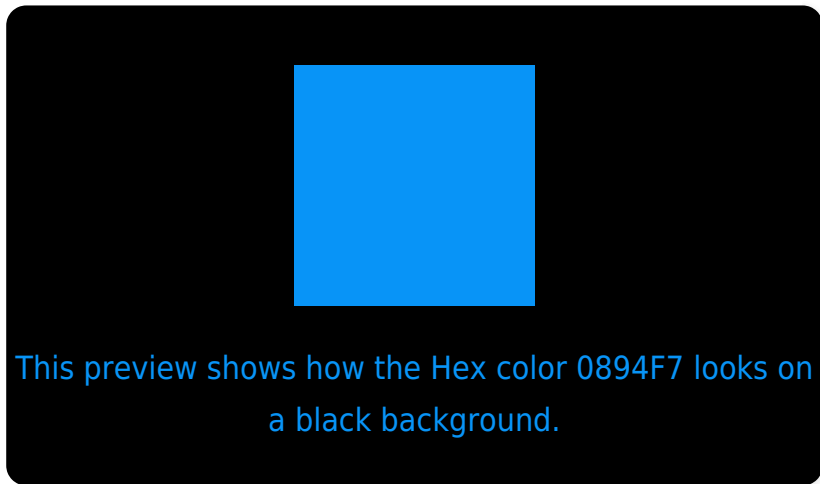
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

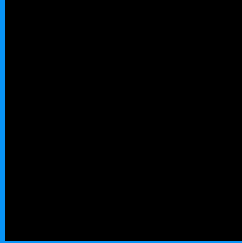
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

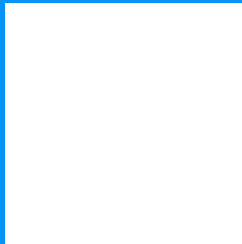
Any Text WCAG AAA × Fail

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

Hex 0894F7 Background



This preview shows how black text looks on a background with the Hex color 0894F7.



This preview shows how white text looks on a background with the Hex color 0894F7.

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](#).

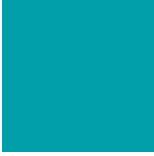
Dichromacy



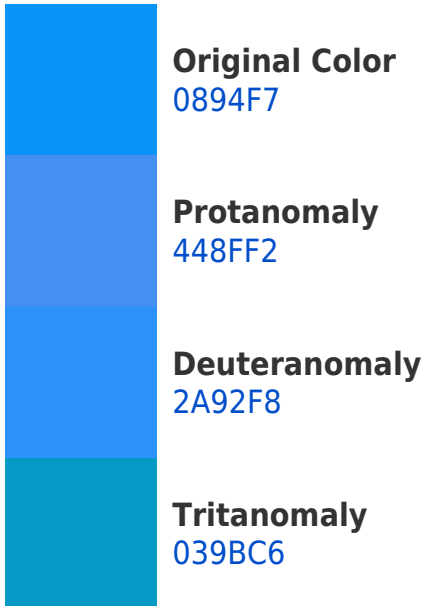
Original Color
0894F7

Protanopia
668CEF

Deuteranopia
3D91F8



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0894F7 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 #0894F7 looks like.

```
.text, #text, p{  
    color:#0894F7  
}
```

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 #0894F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0894F7
}
```

Border

The CSS property to change the border of an element to Hex 0894F7 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
#0894F7 }
```

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

```
.border{ border-color:#0894F7 }
```

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

Here you see how a box with a 4 pixel #0894F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0894F7; -webkit-box-shadow:4px 4px  
4px 4px #0894F7; box-shadow:4px 4px 4px  
4px #0894F7 }
```

Background

The CSS property to change the background color of an element to Hex 0894F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0894F7 }
```

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

```
.background{ background-color:#0894F7 }
```

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