

Converting Colors

Hex(0874F3)

Have a look what the booklet for
Hex(0874F3) contains.

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Color

Hex(0874F3)

Conversions

Conversions Part 1

Format	Color
Hex	0874F3
RGB	8, 116, 243
RGB Percent	3%, 45%, 95%
CMY	0.9686, 0.5451, 0.0471
CMYK	0.97, 0.52, 0.00, 0.05
HSL	212°, 94%, 49%
HSV	212°, 97%, 95%
XYZ	22.5232, 19.0135, 87.2769
YIQ	98.1860, -105.1350, 16.6010

Conversions

Conversions Part 2

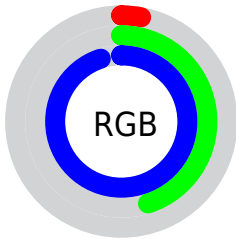
Format	Color
R _Y B	8, 82, 243
Decimal	554227
CIE Lab	50.70, 21.90, -70.78
CIE LCh	51, 74.089, 287.190
Yxy	19.0135, 0.1749, 0.1476
Android (android.graphics.Color)	4278744307 (0xFF0874F3)
YUV	98.1860, 71.3933, -79.0931
Hunter-Lab	43.6044, 15.8936, -88.1494

Details

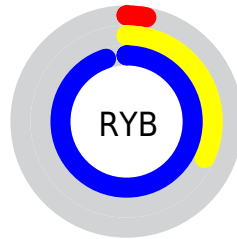
The Hex color **0874F3** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark saturated azure. A complement of this color would be **F38708**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6FA7FF**, and **0045BA** is the 20% darker color. If you saturate the color by 10%, you get **0070F3**, and if you desaturate by 10%, it is **2081F3**.

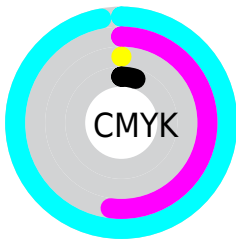
Distribution



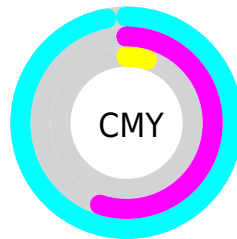
- Red (3%)
- Green (45%)
- Blue (95%)



- Red (3%)
- Yellow (32%)
- Blue (95%)



- Cyan (97%)
- Magenta (52%)
- Yellow (0%)
- Black (5%)



- Cyan (97%)
- Magenta (55%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0874F3 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 0874F3 by changing the saturation by 10% instead.

0874F3

0874F3

FFFFFF

005CD6

6FA7FF

0045BA

90C2FF

00309E

B1DEFF

001E83

D0FAFF

000469

F0FFFF

000A50

000538

000222

000007

■ 0874F3

■ 0874F3

■ 0070F3

■ 2081F3

■ 398EF3

■ 519BF3

■ 69A9F3

■ 81B6F3

■ 9AC3F3

■ B2D0F3

■ CADDF3

■ E3EAF3

Harmonies

Analogous

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



0088F5



0874F3



A754D0

Triad

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



0874F3



D24D19



00925A

Complementary

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



0874F3



F38708

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.



068D11



0874F3



A96C00

Square

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



0874F3



E52958



718100



00949C

Rectangle

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



0874F3



CE39AB



718100



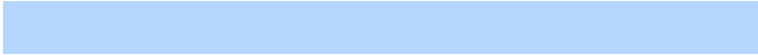
009144

Sweetspot

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



0874F3



B5D7FF



08F385



536780



000000



808080

Same Dimension

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



0874F3



0075FF



1008F3



6E747A



0056BA



001B3B

Inverse Universe

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



F30874



FF0075



EBF308



7A6E74



BA0056



3B001B

Previews

White Background



This preview shows how the Hex color 0874F3 looks on a white background.

Color Contrast Check

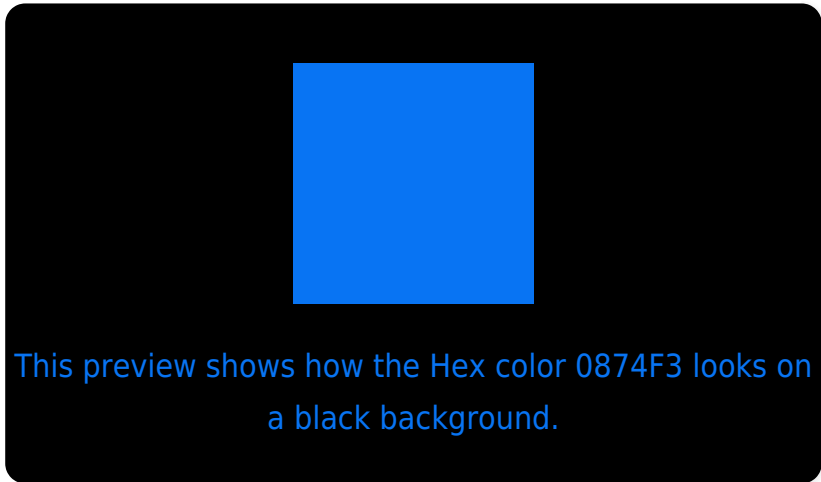
Large Text (above 18pt) WCAG AA ✓ Pass

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

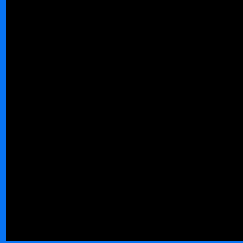
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

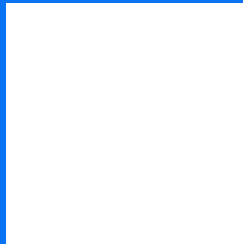
Any Text WCAG AAA × Fail

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

Hex 0874F3 Background



This preview shows how black text looks on a background with the Hex color 0874F3.



This preview shows how white text looks on a background with the Hex color 0874F3.

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](#).

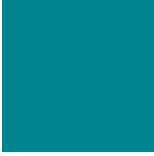
Dichromacy



Original Color
0874F3

Protanopia
1B73F2

Deuteranopia
007BD4



Tritanopia
00858E

Trichromacy



Original Color
0874F3

Protanomaly
1473F2

Deuteranomaly
0378DF

Tritanomaly
037FB3

Monochromacy



Original Color
0874F3

Achromatopsia
626262

Achromatomaly
416997

CSS Examples

Text

The CSS property to change the color of the text to Hex 0874F3 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 #0874F3 looks like.

```
.text, #text, p{  
    color:#0874F3  
}
```

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 #0874F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0874F3
}
```

Border

The CSS property to change the border of an element to Hex 0874F3 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
#0874F3 }
```

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

```
.border{ border-color:#0874F3 }
```

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

Here you see how a box with a 4 pixel #0874F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0874F3; -webkit-box-shadow:4px 4px  
4px 4px #0874F3; box-shadow:4px 4px 4px  
4px #0874F3 }
```

Background

The CSS property to change the background color of an element to Hex 0874F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0874F3 }
```

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

```
.background{ background-color:#0874F3 }
```

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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