

Converting Colors

Hex(874CF5)

Have a look what the booklet for
Hex(874CF5) contains.

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Color

Hex(874CF5)

Conversions

Conversions Part 1

Format	Color
Hex	874CF5
RGB	135, 76, 245
RGB Percent	53%, 30%, 96%
CMY	0.4706, 0.7020, 0.0392
CMYK	0.45, 0.69, 0.00, 0.04
HSL	261°, 89%, 63%
HSV	261°, 69%, 96%
XYZ	29.0575, 16.9124, 88.1191
YIQ	112.9070, -19.0850, 65.0670

Conversions

Conversions Part 2

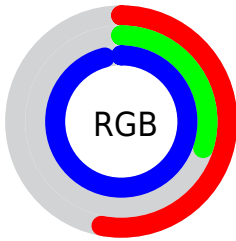
Format	Color
R_{YB}	135, 76, 245
Decimal	8867061
CIE _{Lab}	48.15, 60.32, -75.78
CIE _{LCh}	48, 96.857, 308.522
Yxy	16.9124, 0.2167, 0.1261
Android (android.graphics.Color)	4287057141 (0xFF874CF5)
YUV	112.9070, 65.1218, 19.3756
Hunter-Lab	41.1246, 54.1551, -98.2554

Details

The Hex color **874CF5** is a light color, and the websafe version is hex **9966FF**. The color can be described as light washed purple. A complement of this color would be **BAF54C**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **C381FF**, and **4814BB** is the 20% darker color. If you saturate the color by 10%, you get **7733F5**, and if you desaturate by 10%, it is **9764F5**.

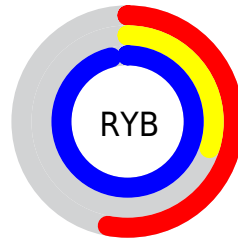
Distribution



Red (53%)

Green (30%)

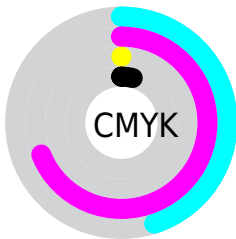
Blue (96%)



Red (53%)

Yellow (30%)

Blue (96%)

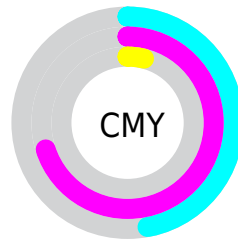


Cyan (45%)

Magenta (69%)

Yellow (0%)

Black (4%)



Cyan (47%)

Magenta (70%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 874CF5 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 874CF5 by changing the saturation by 10% instead.

 874CF5

 874CF5

FFFFFF

 6832D8

 C381FF

 4814BB

 E29CFF

 2100A0

 FFB8FF

 000085

 FFD4FF

 00006A

 FFF1FF

 000351

 000539

 000222

 000009

 874CF5

 874CF5

 7733F5

 9764F5

 671BF5

 A77DF5

 5702F5

 B796F5

 5600F5

 C7AEF5

 D7C7F5

 E7DFF5

 F7F7F5

 FFFFF5

Harmonies

Analogous

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



0077FF



874CF5



E000B0

Triad

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



874CF5



BA5600



009189

Complementary

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



874CF5



BAF54C

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.



008E30



874CF5



777700

Square

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



874CF5



E80008



008700



0092D8

Rectangle

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



874CF5



F6007A



008700



00916C

Sweetspot

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



874CF5



DCC9FF



4CBDF5



6B6080



000000



808080

Same Dimension

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



874CF5



752BFF



D94CF5



726E7A



4100BA



14003B

Inverse Universe

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



F54CBA



FF2BB5



68F54C



7A6E76



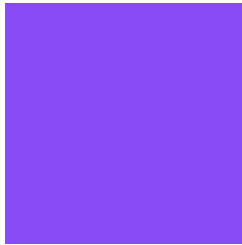
BA0079



3B0026

Previews

White Background



This preview shows how the Hex color 874CF5 looks on a white background.

Color Contrast Check

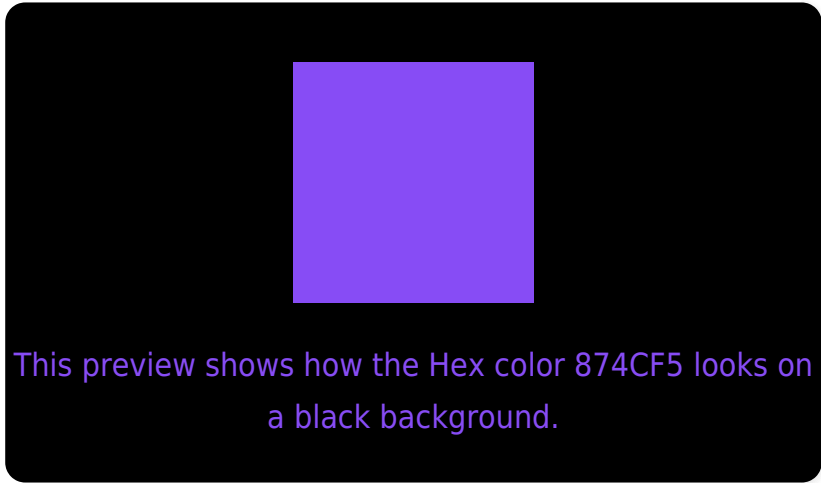
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

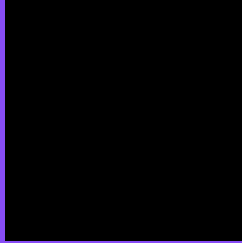
Any Text WCAG AA × Fail

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 874CF5 Background



This preview shows how black text looks on a background with the Hex color 874CF5.

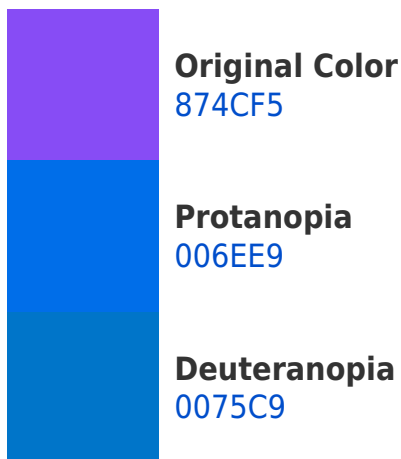


This preview shows how white text looks on a background with the Hex color 874CF5.

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](#).

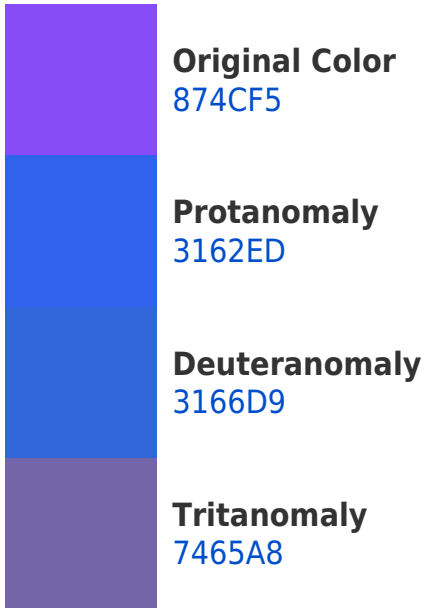
Dichromacy



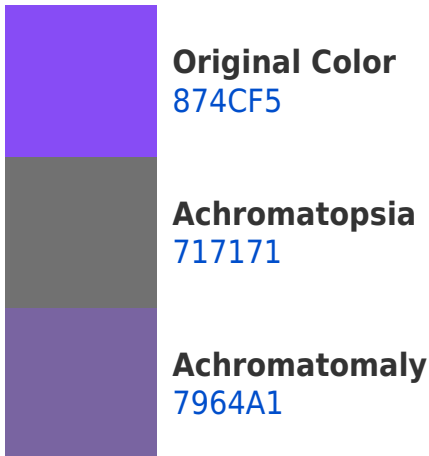


Tritanopia
69737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 874CF5 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 #874CF5 looks like.

```
.text, #text, p{  
    color:#874CF5  
}
```

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 #874CF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #874CF5
}
```

Border

The CSS property to change the border of an element to Hex 874CF5 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
#874CF5 }
```

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

```
.border{ border-color:#874CF5 }
```

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

Here you see how a box with a 4 pixel #874CF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #874CF5; -webkit-box-shadow:4px 4px  
4px 4px #874CF5; box-shadow:4px 4px 4px  
4px #874CF5 }
```

Background

The CSS property to change the background color of an element to Hex 874CF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#874CF5 }
```

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

```
.background{ background-color:#874CF5 }
```

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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