

Converting Colors

Hex(784CFB)

Have a look what the booklet for
Hex(784CFB) contains.

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Color

Hex(784CFB)

Conversions

Conversions Part 1

Format	Color
Hex	784CFB
RGB	120, 76, 251
RGB Percent	47%, 30%, 98%
CMY	0.5294, 0.7020, 0.0157
CMYK	0.52, 0.70, 0.00, 0.02
HSL	255°, 96%, 64%
HSV	255°, 70%, 98%
XYZ	27.7428, 16.1270, 92.9174
YIQ	109.1060, -29.9510, 63.7530

Conversions

Conversions Part 2

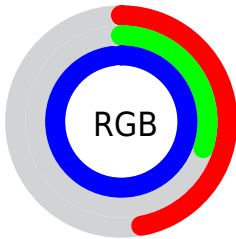
Format	Color
R_{YB}	120, 76, 251
Decimal	7884027
CIE _{Lab}	47.14, 59.51, -80.84
CIE _{LCh}	47, 100.384, 306.360
Yxy	16.1270, 0.2028, 0.1179
Android (android.graphics.Color)	4286074107 (0xFF784CFB)
YUV	109.1060, 69.9537, 9.5540
Hunter-Lab	40.1584, 53.0364, -109.0726

Details

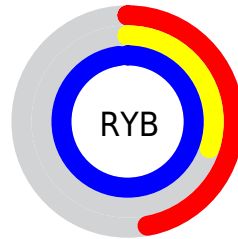
The Hex color **784CFB** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **CFFB4C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B680FF**, and **3217C1** is the 20% darker color. If you saturate the color by 10%, you get **6533FB**, and if you desaturate by 10%, it is **8B65FB**.

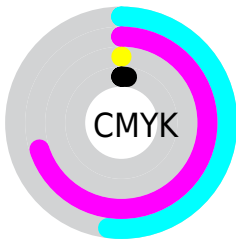
Distribution



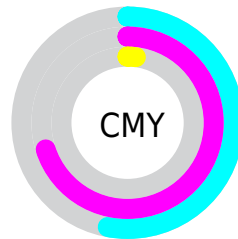
- Red (47%)
- Green (30%)
- Blue (98%)



- Red (47%)
- Yellow (30%)
- Blue (98%)



- Cyan (52%)
- Magenta (70%)
- Yellow (0%)
- Black (2%)



- Cyan (53%)
- Magenta (70%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 784CFB 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 784CFB by changing the saturation by 10% instead.

 784CFB

 784CFB

FFFFFF

 5732DE

 B680FF

 3217C1

 D59BFF

 0000A5

 F4B7FF

 00008A

 FFD3FF

 00006F

 FFF0FF

 000956

 00063D

 000327

 000110

784CFB

784CFB

6533FB

8B65FB

521AFB

9E7EFB

4001FB

B097FB

3F00FB

C3B0FB

D6C9FB

E9E3FB

FCFCFB

FFFFFFB

Harmonies

Analogous

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



0078FF



784CFB



DC00B5

Triad

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



784CFB



BC4F00



008F81

Complementary

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



784CFB



CFFB4C

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.



008C22



784CFB



797300

Square

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



784CFB



EB000A



008400



0090D4

Rectangle

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



784CFB



F6007E



008400



008E63

Sweetspot

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



784CFB



D7C9FF



4CCFFB



686080



000000



808080

Same Dimension

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



784CFB



5F29FF



CF4CFB



74707D



2F00BD



0F003D

Inverse Universe

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



FB4CCF



FF29C9



78FB4C



7D707A



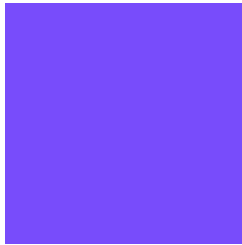
BD008D



3D002E

Previews

White Background



This preview shows how the Hex color 784CFB looks on a white background.

Color Contrast Check

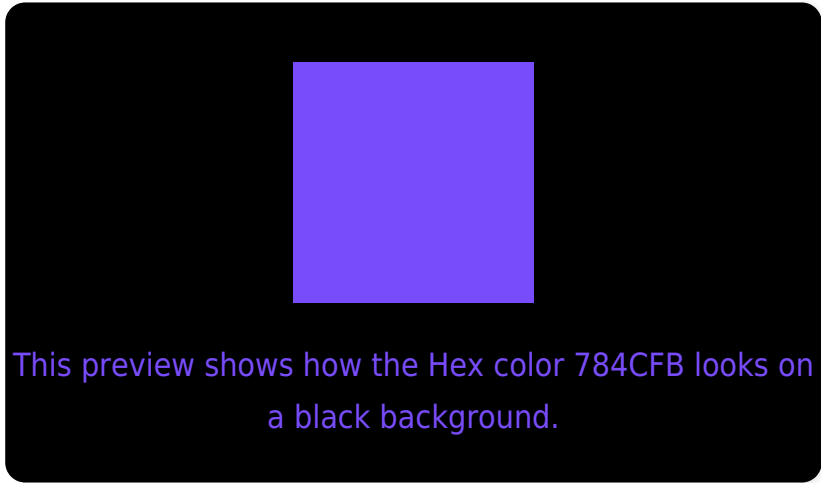
Large Text (above 18pt) WCAG AA ✓ Pass

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

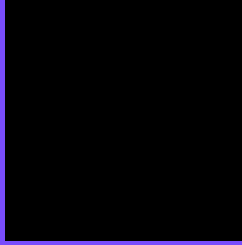
Any Text WCAG AA × Fail

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 784CFB Background



This preview shows how black text looks on a background with the Hex color 784CFB.




This preview shows how white text looks on a background with the Hex color 784CFB.

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](#).

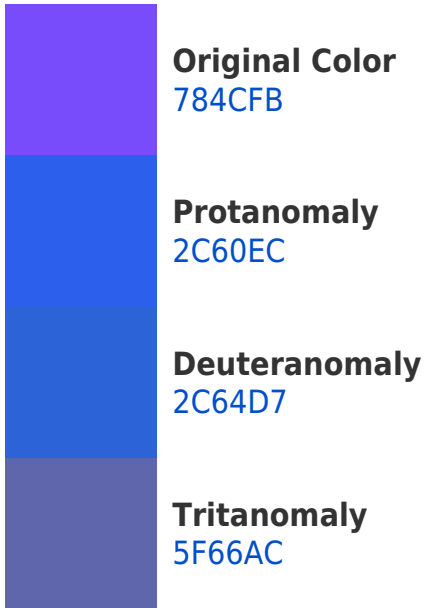
Dichromacy



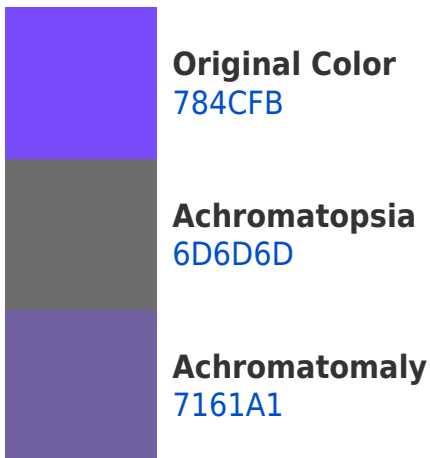


Tritanopia
51757F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 784CFB 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 #784CFB looks like.

```
.text, #text, p{  
    color:#784CFB  
}
```

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 #784CFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784CFB
}
```

Border

The CSS property to change the border of an element to Hex 784CFB 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
#784CFB }
```

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

```
.border{ border-color:#784CFB }
```

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

Here you see how a box with a 4 pixel #784CFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784CFB; -webkit-box-shadow:4px 4px  
4px 4px #784CFB; box-shadow:4px 4px 4px  
4px #784CFB }
```

Background

The CSS property to change the background color of an element to Hex 784CFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784CFB }
```

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

```
.background{ background-color:#784CFB }
```

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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