

Converting Colors

Hex(784FAF)

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

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Color

Hex(784FAF)

Conversions

Conversions Part 1

Format	Color
Hex	784FAF
RGB	120, 79, 175
RGB Percent	47%, 31%, 69%
CMY	0.5294, 0.6902, 0.3137
CMYK	0.31, 0.55, 0.00, 0.31
HSL	266°, 38%, 50%
HSV	266°, 55%, 69%
XYZ	18.2796, 12.6802, 42.0415
YIQ	102.2030, -6.3800, 38.5480

Conversions

Conversions Part 2

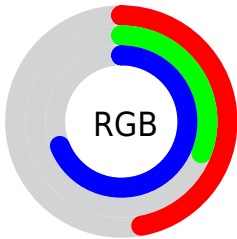
Format	Color
R_{YB}	120, 79, 175
Decimal	7884719
CIE _{Lab}	42.28, 37.42, -45.16
CIE _{LCh}	42, 58.644, 309.643
Yxy	12.6802, 0.2504, 0.1737
Android (android.graphics.Color)	4286074799 (0xFF784FAF)
YUV	102.2030, 35.8889, 15.6080
Hunter-Lab	35.6092, 29.3147, -45.0734

Details

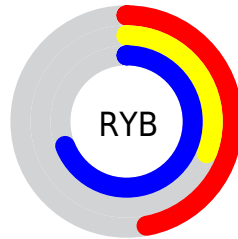
The Hex color **784FAF** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **86AF4F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **AF82E7**, and **431F7A** is the 20% darker color. If you saturate the color by 10%, you get **6E3EAF**, and if you desaturate by 10%, it is **8261AF**.

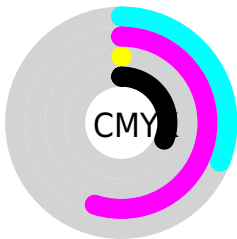
Distribution



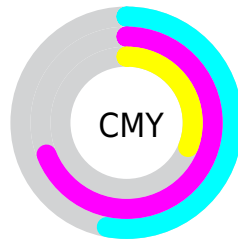
- Red (47%)
- Green (31%)
- Blue (69%)



- Red (47%)
- Yellow (31%)
- Blue (69%)



- Cyan (31%)
- Magenta (55%)
- Yellow (0%)
- Black (31%)



- Cyan (53%)
- Magenta (69%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 784FAF

 784FAF

FFFFFF

 5D3794

 AF82E7

 431F7A

 CB9CFF

 280760

 E8B7FF

 0D0048

 FFD3FF

 000131

 FFF0FF

 00011B

 000000

 784FAF

 784FAF

 6E3EAF

 8261AF

642CAF

8C72AF

5A1AAF

9684AF

5009AF

A095AF

4B00AF

AAA7AF

B4B8AF

BECAAF

C8DBAF

D2EDAF

Harmonies

Analogous

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



0065C4



784FAF



A83687

Triad

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



784FAF



935500



007973

Complementary

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



784FAF



86AF4F

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.



007740



784FAF



6B6700

Square

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



784FAF



AF3E28



347209



0078A1

Rectangle

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



784FAF



B62B67



347209



007962

Sweetspot

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



784FAF



CEBFE3



4F87AF



665D73



F2F2F2



737373

Same Dimension

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



784FAF



8D4DE3



A74FAF



524E57



400096



0A0017

Inverse Universe

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



AF4F86



E34DA3



57AF4F



574E53



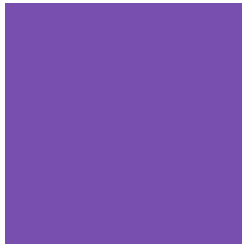
960056



17000D

Previews

White Background



This preview shows how the Hex color 784FAF 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 784FAF Background



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

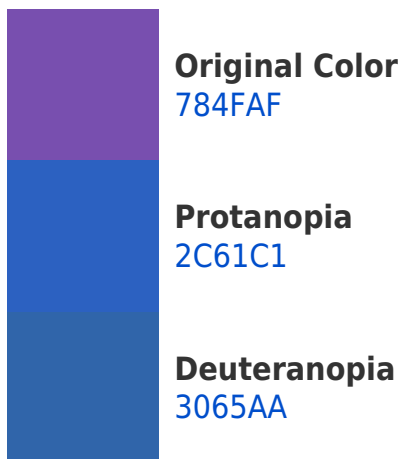


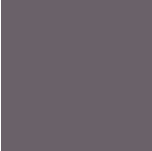
This preview shows how white text looks on a background with the Hex color 784FAF.

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](#).

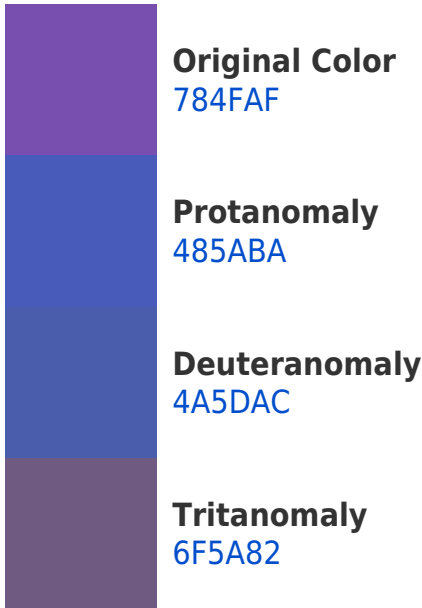
Dichromacy





Tritanopia
6A6169

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #784FAF colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 784FAF 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".

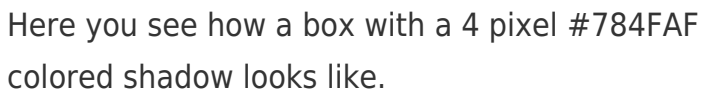
```
.border, #border, table{ border:4px solid
#784FAF }
```

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

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

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

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

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

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

Background

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

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

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

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

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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