

Converting Colors

Hex(806FB8)

Have a look what the booklet for
Hex(806FB8) contains.

Hex(806FB8)	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(806FB8)

Conversions

Conversions Part 1

Format	Color
Hex	806FB8
RGB	128, 111, 184
RGB Percent	50%, 44%, 72%
CMY	0.4980, 0.5647, 0.2784
CMYK	0.30, 0.40, 0.00, 0.28
HSL	254°, 34%, 58%
HSV	254°, 40%, 72%
XYZ	23.2383, 19.4188, 47.8708
YIQ	124.4050, -13.3010, 26.3070

Conversions

Conversions Part 2

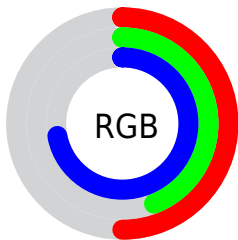
Format	Color
R_{YB}	128, 111, 184
Decimal	8417208
CIE _{Lab}	51.17, 23.11, -36.26
CIE _{LCh}	51, 42.999, 302.508
Yxy	19.4188, 0.2567, 0.2145
Android (android.graphics.Color)	4286607288 (0xFF806FB8)
YUV	124.4050, 29.3803, 3.1528
Hunter-Lab	44.0667, 17.0139, -33.5615

Details

The Hex color **806FB8** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A7B86F**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B6A3F0**, and **4C3F83** is the 20% darker color. If you saturate the color by 10%, you get **725DB8**, and if you desaturate by 10%, it is **8E81B8**.

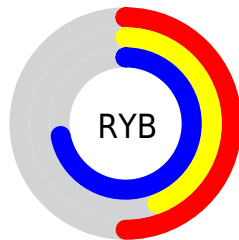
Distribution



Red (50%)

Green (44%)

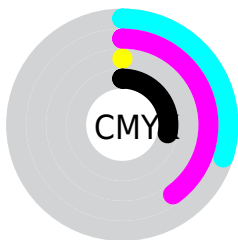
Blue (72%)



Red (50%)

Yellow (44%)

Blue (72%)

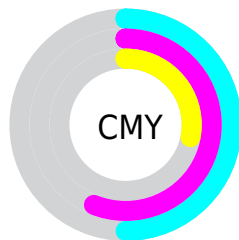


Cyan (30%)

Magenta (40%)

Yellow (0%)

Black (28%)



Cyan (50%)

Magenta (56%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 806FB8 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 806FB8 by changing the saturation by 10% instead.



806FB8



806FB8

FFFFFF



66569D



B6A3F0



4C3F83



D3BEFF



332969



EFD AFF



181450



FFF6FF



030039



000223



000009



000000



806FB8



806FB8

725DB8

8E81B8

644AB8

9C94B8

5638B8

AAA6B8

4825B8

B8B9B8

3913B8

C7CBB8

2B01B8

D5DDB8

2B00B8

E3F0B8

F1FFB8

FFFFB8

Harmonies

Analogous

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



387DC3



806FB8



A9619C

Triad

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



806FB8



AA6C39



008C7C

Complementary

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



806FB8



A7B86F

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.



338A57



806FB8



8C792D

Square

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



806FB8



BB5F54



668339



008BA0

Rectangle

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



806FB8



B95B85



668339



008C6F

Sweetspot

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



806FB8



DAD3F0



6FA8B8



6B6778



F7F7F7



787878

Same Dimension

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



806FB8



977DF0



A36FB8



55535C



24009C



07001C

Inverse Universe

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



B86FA7



F07DD5



84B86F



5C535A



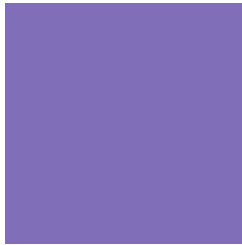
9C0077



1C0016

Previews

White Background



This preview shows how the Hex color 806FB8 looks on a white background.

Color Contrast Check

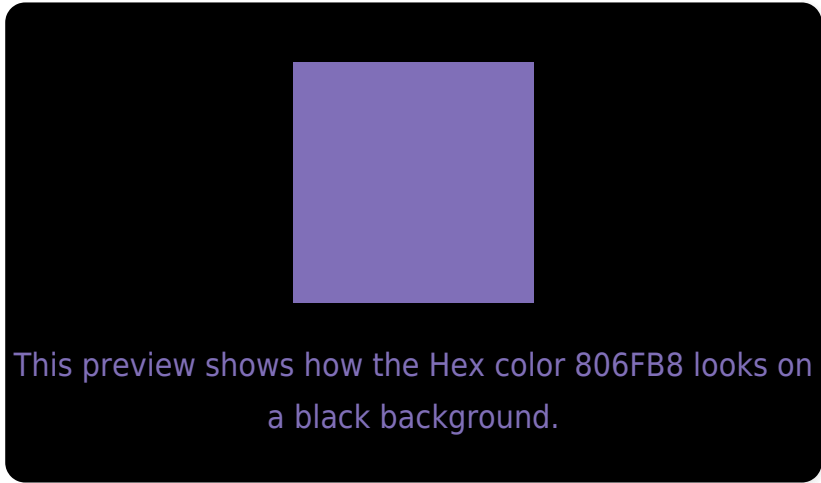
Large Text (above 18pt) WCAG AA ✓ Pass

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

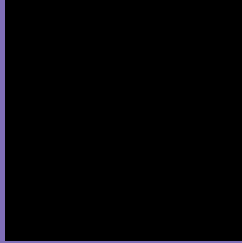
Any Text WCAG AA ✓ Pass

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 806FB8 Background



This preview shows how black text looks on a background with the Hex color 806FB8.

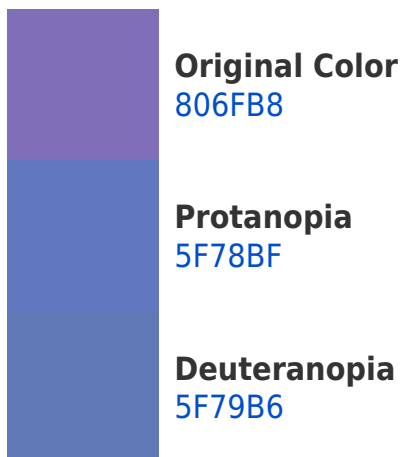



This preview shows how white text looks on a background with the Hex color 806FB8.

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](#).

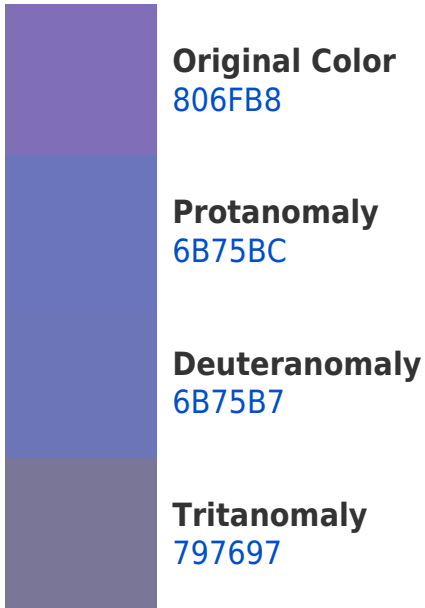
Dichromacy





Tritanopia
757A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 806FB8 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 #806FB8 looks like.

```
.text, #text, p{  
    color:#806FB8  
}
```

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 #806FB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806FB8  
}
```

Border

The CSS property to change the border of an element to Hex 806FB8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

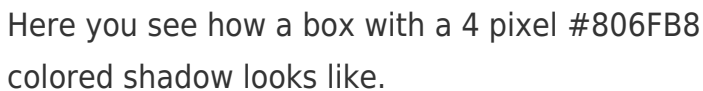
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#806FB8 }
```

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

```
.border{ border-color:#806FB8 }
```

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



Here you see how a box with a 4 pixel #806FB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806FB8; -webkit-box-shadow:4px 4px  
4px 4px #806FB8; box-shadow:4px 4px 4px  
4px #806FB8 }
```

Background

The CSS property to change the background color of an element to Hex 806FB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806FB8 }
```

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

```
.background{ background-color:#806FB8 }
```

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