

# Converting Colors

Hex(805FB8)

Have a look what the booklet for  
Hex(805FB8) contains.

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# Color

**Hex(805FB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	805FB8
RGB	128, 95, 184
RGB Percent	50%, 37%, 72%
CMY	0.4980, 0.6275, 0.2784
CMYK	0.30, 0.48, 0.00, 0.28
HSL	262°, 39%, 55%
HSV	262°, 48%, 72%
XYZ	21.6460, 16.2343, 47.3401
YIQ	115.0130, -8.9010, 34.6750

# Conversions

## Conversions Part 2

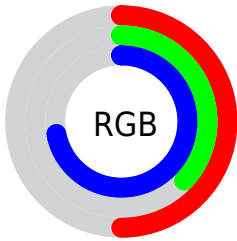
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	128, 95, 184
Decimal	8413112
CIELab	47.28, 32.58, -42.41
CIElCh	47, 53.479, 307.532
Yxy	16.2343, 0.2540, 0.1905
Android (android.graphics.Color)	4286603192 (0xFF805FB8)
YUV	115.0130, 34.0106, 11.3896
Hunter-Lab	40.2918, 25.3851, -41.4573

# Details

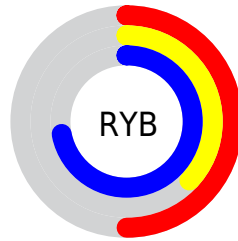
The Hex color **805FB8** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **97B85F**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B792F1**, and **4B2F82** is the 20% darker color. If you saturate the color by 10%, you get **744DB8**, and if you desaturate by 10%, it is **8C71B8**.

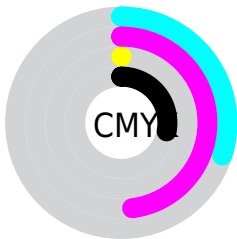
# Distribution



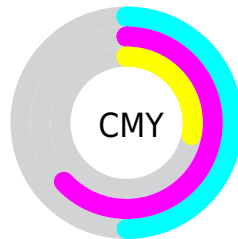
- Red (50%)
- Green (37%)
- Blue (72%)



- Red (50%)
- Yellow (37%)
- Blue (72%)



- Cyan (30%)
- Magenta (48%)
- Yellow (0%)
- Black (28%)



- Cyan (50%)
- Magenta (63%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 805FB8 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 805FB8 by changing the saturation by 10% instead.



■ 805FB8

■ 805FB8

FFFFFF

■ 65479D

■ B792F1

■ 4B2F82

■ D3ADFF

■ 311969

■ F0C9FF

■ 150350

■ FFE5FF

■ 000039

■ 000222

■ 000008

■ 000000

■ 805FB8

■ 805FB8

744DB8

8C71B8

693AB8

9784B8

5D28B8

A396B8

5215B8

AEA9B8

4603B8

BABBB8

4400B8

C5CDB8

D1E0B8

DDF2B8

E8FFB8

# Harmonies

## Analogous

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



0372CA



805FB8



AF4B93

# Triad

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



805FB8



A16116



00857B

# Complementary

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



805FB8



97B85F

# 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.



00834C



805FB8



7C7201

# Square

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



805FB8



BA4E3C



4C7D21



0084A6

# Rectangle

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



805FB8



BD4376



4C7D21



00856B



# Sweetspot

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



805FB8



D9CCF0



5F97B8



6A6278



F7F7F7



787878



# Same Dimension

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



805FB8



9865F0



AC5FB8



56535C



3A009C



0A001C



# Inverse Universe

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



B85F97



F065BC



6BB85F



5C5358



9C0062

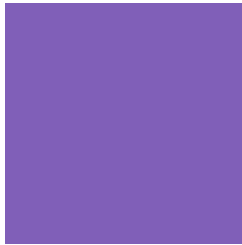


1C0012



# Previews

## White Background



This preview shows how the Hex color 805FB8 looks on a white background.

## Color Contrast Check

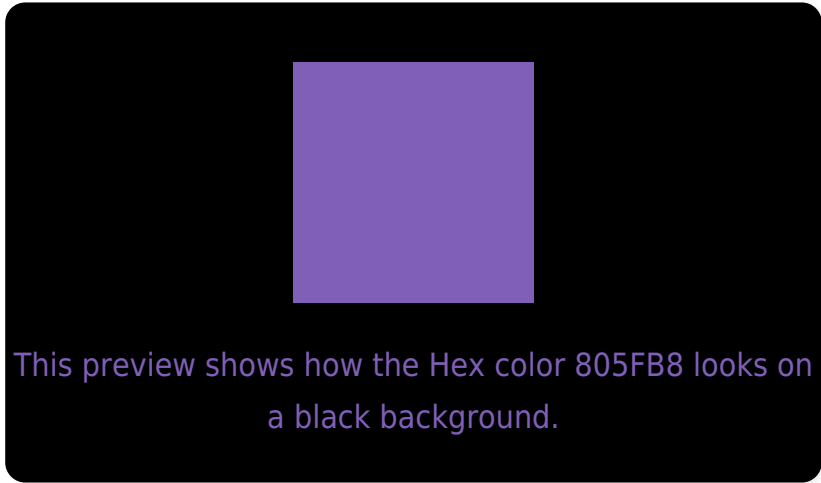
Large Text (above 18pt) WCAG AA ✓ Pass

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 805FB8 Background



This preview shows how black text looks on a background with the Hex color 805FB8.

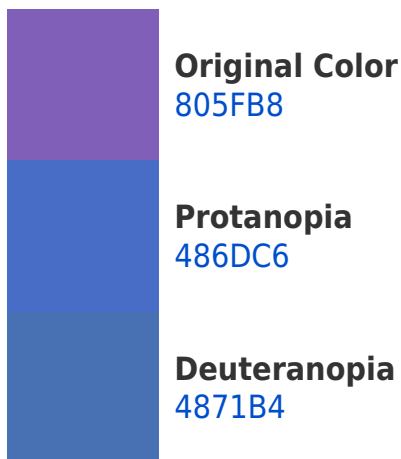


This preview shows how white text looks on a background with the Hex color 805FB8.

# 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**  
736E77

# Trichromacy



**Original Color**  
805FB8

**Protanomaly**  
5C68C1

**Deuteranomaly**  
5C6AB5

**Tritanomaly**  
78698F

# Monochromacy



**Original Color**  
805FB8

**Achromatopsia**  
737373

**Achromatomaly**  
786C8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 805FB8 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 #805FB8 looks like.

```
.text, #text, p{  
    color:#805FB8  
}
```

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 #805FB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #805FB8  
}
```

## Border

The CSS property to change the border of an element to Hex 805FB8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

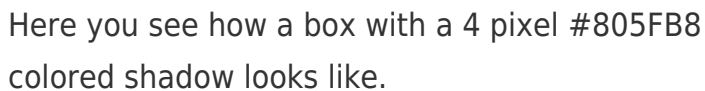
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#805FB8 }
```

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

```
.border{ border-color:#805FB8 }
```

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



Here you see how a box with a 4 pixel #805FB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #805FB8; -webkit-box-shadow:4px 4px  
4px 4px #805FB8; box-shadow:4px 4px 4px  
4px #805FB8 }
```

# Background

The CSS property to change the background color of an element to Hex 805FB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#805FB8 }
```

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

```
.background{ background-color:#805FB8 }
```

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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