

# Converting Colors

Hex(806DC0)

Have a look what the booklet for  
Hex(806DC0) contains.

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# Color

**Hex(806DC0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	806DC0
RGB	128, 109, 192
RGB Percent	50%, 43%, 75%
CMY	0.4980, 0.5725, 0.2471
CMYK	0.33, 0.43, 0.00, 0.25
HSL	254°, 40%, 59%
HSV	254°, 43%, 75%
XYZ	23.8852, 19.3322, 52.3418
YIQ	124.1430, -15.3190, 29.8410

# Conversions

## Conversions Part 2

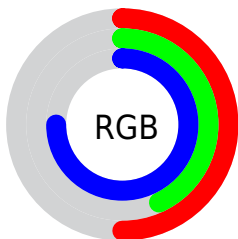
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	128, 109, 192
Decimal	8416704
CIE Lab	51.07, 26.41, -41.03
CIE LCh	51, 48.796, 302.773
Yxy	19.3322, 0.2500, 0.2023
Android (android.graphics.Color)	4286606784 (0xFF806DC0)
YUV	124.1430, 33.4535, 3.3826
Hunter-Lab	43.9684, 20.0225, -39.8033

# Details

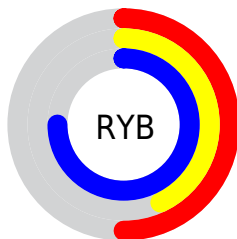
The Hex color **806DC0** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **ADC06D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B7A1F9**, and **4B3D8A** is the 20% darker color. If you saturate the color by 10%, you get **715AC0**, and if you desaturate by 10%, it is **8F80C0**.

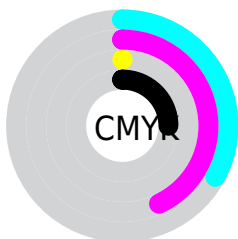
# Distribution



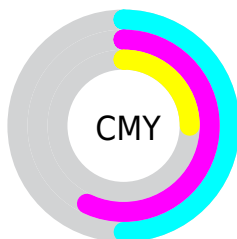
- Red (50%)
- Green (43%)
- Blue (75%)



- Red (50%)
- Yellow (43%)
- Blue (75%)



- Cyan (33%)
- Magenta (43%)
- Yellow (0%)
- Black (25%)



- Cyan (50%)
- Magenta (57%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 806DC0 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 806DC0 by changing the saturation by 10% instead.



■ 806DC0

■ 806DC0

FFFFFF

■ 6555A5

■ B7A1F9

■ 4B3D8A

■ D3BCFF

■ 312770

■ F0D8FF

■ 141257

■ FFF4FF

■ 000040

■ 000328

■ 000112

■ 000000

■ 806DC0

■ 806DC0

715AC0

8F80C0

6247C0

9E93C0

5433C0

ACA7C0

4520C0

BBBAC0

360DC0

CACDC0

2C00C0

D9E0C0

E8F3C0

F6FFC0

FFFFC0

# Harmonies

## Analogous

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



1C7DCD



806DC0



AF5CA0

# Triad

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



806DC0



AE692E



008E7C

# Complementary

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



806DC0



ADC06D

# 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.



1E8B52



806DC0



8C791F

# Square

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



806DC0



C25A4F



62842F



008DA6

# Rectangle

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



806DC0



C05486



62842F



008D6E



# Sweetspot

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



806DC0



E1D9FA



6DAEC0



6E697D



FCFCFC



7D7D7D



# Same Dimension

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



806DC0



9678FA



A86DC0



595761



2500A1



080021



# Inverse Universe

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



C06DAD



FA78DC



85C06D



61575F



A1007C



21001A



# Previews

## White Background



This preview shows how the Hex color 806DC0 looks on a white background.

## Color Contrast Check

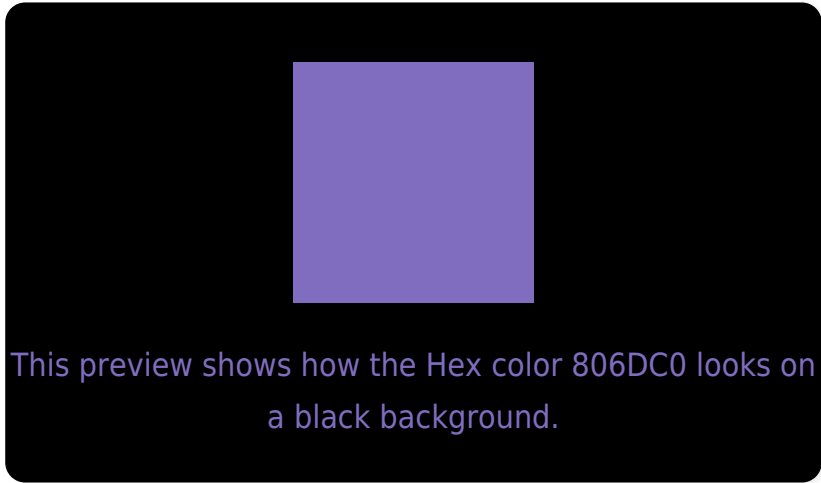
Large Text (above 18pt) WCAG AA ✓ Pass

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 806DC0 Background



This preview shows how black text looks on a background with the Hex color 806DC0.

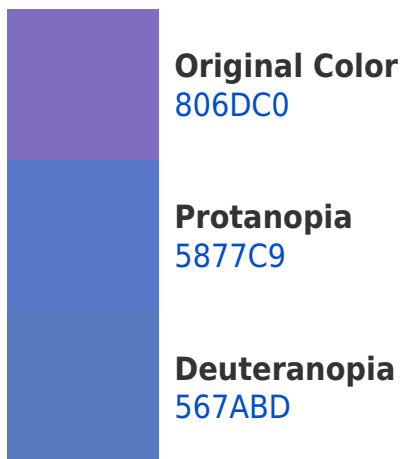


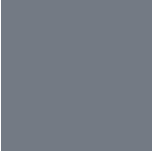
This preview shows how white text looks on a background with the Hex color 806DC0.

# 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](#).

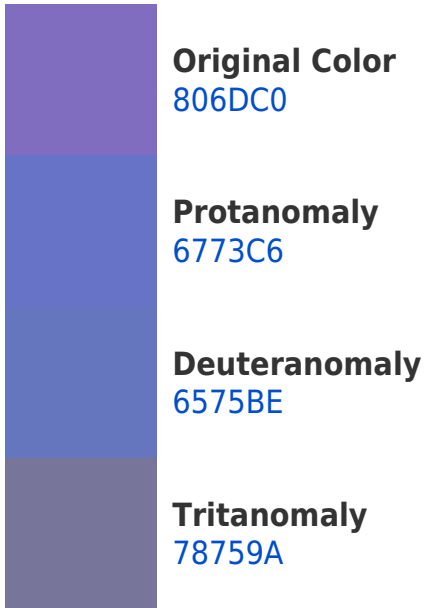
## Dichromacy



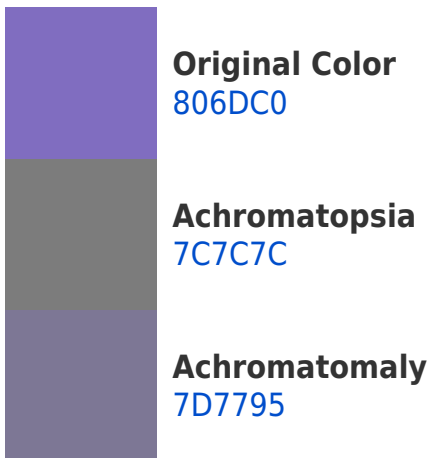


**Tritanopia**  
737A84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 806DC0 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 #806DC0 looks like.

```
.text, #text, p{  
    color:#806DC0  
}
```

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 #806DC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806DC0
}
```

## Border

The CSS property to change the border of an element to Hex 806DC0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

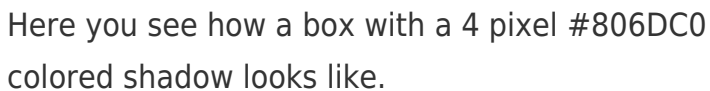
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#806DC0 }
```

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

```
.border{ border-color:#806DC0 }
```

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



Here you see how a box with a 4 pixel #806DC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806DC0; -webkit-box-shadow:4px 4px  
4px 4px #806DC0; box-shadow:4px 4px 4px  
4px #806DC0 }
```

# Background

The CSS property to change the background color of an element to Hex 806DC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806DC0 }
```

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

```
.background{ background-color:#806DC0 }
```

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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