

# Converting Colors

Hex(8877D6)

Have a look what the booklet for  
Hex(8877D6) contains.

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# Color

Hex(8877D6)

# Conversions

## Conversions Part 1

Format	Color
Hex	8877D6
RGB	136, 119, 214
RGB Percent	53%, 47%, 84%
CMY	0.4667, 0.5333, 0.1608
CMYK	0.36, 0.44, 0.00, 0.16
HSL	251°, 54%, 65%
HSV	251°, 44%, 84%
XYZ	28.8878, 23.2829, 66.5898
YIQ	134.9130, -20.3630, 33.1490

# Conversions

## Conversions Part 2

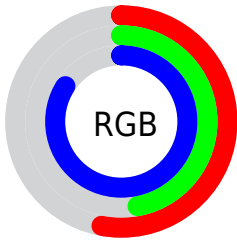
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 119, 214
Decimal	8943574
CIE <sub>Lab</sub>	55.36, 28.57, -46.73
CIE <sub>LCh</sub>	55, 54.770, 301.448
Yxy	23.2829, 0.2432, 0.1960
Android (android.graphics.Color)	4287133654 (0xFF8877D6)
YUV	134.9130, 38.9899, 0.9533
Hunter-Lab	48.2524, 22.4228, -48.0454

# Details

The Hex color **8877D6** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **C5D677**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **C0ABFF**, and **52469F** is the 20% darker color. If you saturate the color by 10%, you get **7662D6**, and if you desaturate by 10%, it is **9A8CD6**.

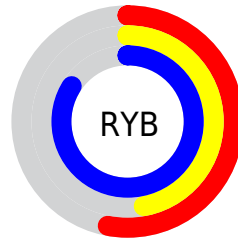
# Distribution



Red (53%)

Green (47%)

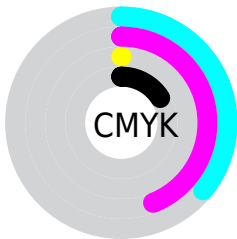
Blue (84%)



Red (53%)

Yellow (47%)

Blue (84%)

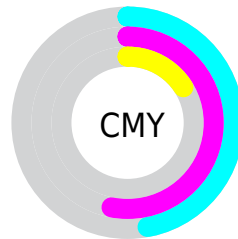


Cyan (36%)

Magenta (44%)

Yellow (0%)

Black (16%)



Cyan (47%)

Magenta (53%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8877D6 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 8877D6 by changing the saturation by 10% instead.



8877D6

8877D6

FFFFFF

6D5EBA

C0ABFF

52469F

DDC7FF

363084

FAE3FF

171A6A

000552

00003A

000223

00000A

000000

8877D6

8877D6

7662D6

9A8CD6

654CD6

ABA2D6

5337D6

BDB7D6

4221D6

CECDD6

300CD6

E0E2D6

2600D6

F1F7D6

FFFFD6

# Harmonies

## Analogous

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



0089E4



8877D6



C063B3

# Triad

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



8877D6



C0712F



009B85

# Complementary

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



8877D6



C5D677

# 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.



1B9855



8877D6



9B831A

# Square

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



8877D6



D75F56



6B902C



009BB5

# Rectangle

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



8877D6



D45994



6B902C



009A75



# Sweetspot

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



8877D6



E4DEFF



77C6D6



6F6B80



000000



808080



# Same Dimension

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



8877D6



9078FF



B677D6



62606B



1F00AB



08002B



# Inverse Universe

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



D677C5



FF78E7



97D677



6B6069



AB008C

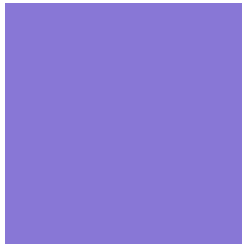


2B0024



# Previews

## White Background



This preview shows how the Hex color 8877D6 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



This preview shows how the Hex color 8877D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

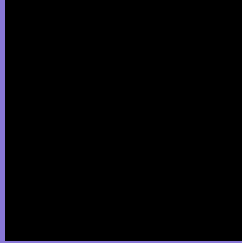
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8877D6 Background



This preview shows how black text looks on a background with the Hex color 8877D6.

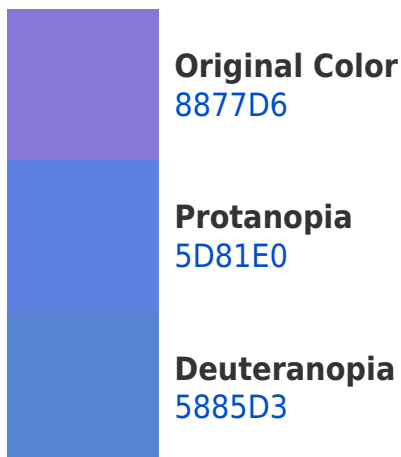


This preview shows how white text looks on a background with the Hex color 8877D6.

# 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](#).

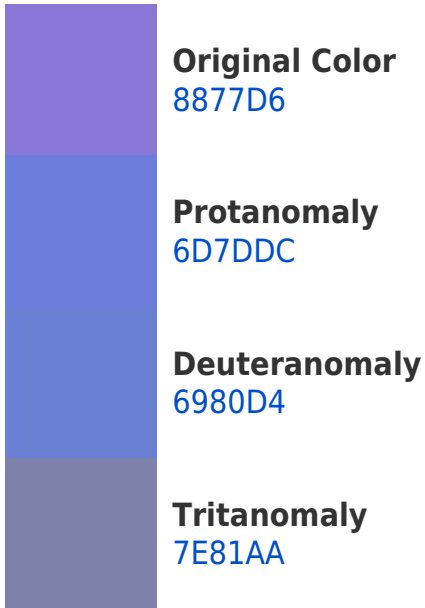
## Dichromacy



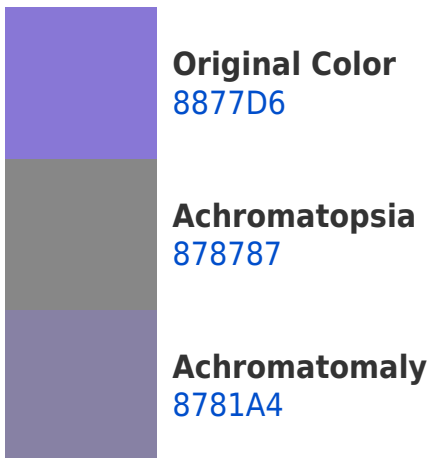


**Tritanopia**  
798691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8877D6 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 #8877D6 looks like.

```
.text, #text, p{  
    color:#8877D6  
}
```

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 #8877D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8877D6
}
```

## Border

The CSS property to change the border of an element to Hex 8877D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

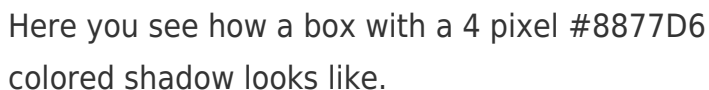
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8877D6 }
```

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

```
.border{ border-color:#8877D6 }
```

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



Here you see how a box with a 4 pixel #8877D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8877D6; -webkit-box-shadow:4px 4px  
4px 4px #8877D6; box-shadow:4px 4px 4px  
4px #8877D6 }
```

# Background

The CSS property to change the background color of an element to Hex 8877D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8877D6 }
```

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

```
.background{ background-color:#8877D6 }
```

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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