

# Converting Colors

Hex(8577D3)

Have a look what the booklet for  
Hex(8577D3) contains.

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# Color

Hex(8577D3)

# Conversions

## Conversions Part 1

Format	Color
Hex	8577D3
RGB	133, 119, 211
RGB Percent	52%, 47%, 83%
CMY	0.4784, 0.5333, 0.1725
CMYK	0.37, 0.44, 0.00, 0.17
HSL	249°, 51%, 65%
HSV	249°, 44%, 83%
XYZ	28.0276, 22.8833, 64.5677
YIQ	133.6740, -21.1880, 31.5800

# Conversions

## Conversions Part 2

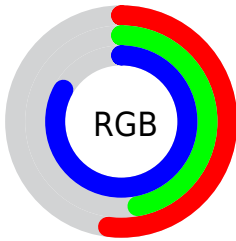
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 119, 211
Decimal	8746963
CIE <sub>Lab</sub>	54.95, 26.97, -45.70
CIE <sub>LCh</sub>	55, 53.064, 300.553
Yxy	22.8833, 0.2427, 0.1982
Android (android.graphics.Color)	4286937043 (0xFF8577D3)
YUV	133.6740, 38.1217, -0.5911
Hunter-Lab	47.8365, 20.8697, -46.5415

# Details

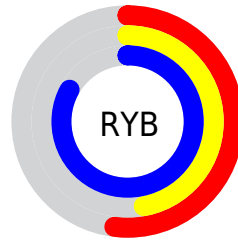
The Hex color **8577D3** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **C5D377**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **BDABFF**, and **4F469C** is the 20% darker color. If you saturate the color by 10%, you get **7362D3**, and if you desaturate by 10%, it is **978CD3**.

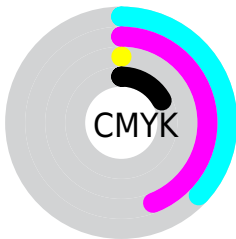
# Distribution



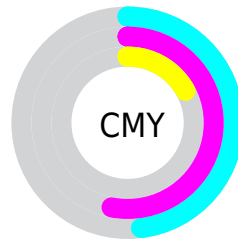
- Red (52%)
- Green (47%)
- Blue (83%)



- Red (52%)
- Yellow (47%)
- Blue (83%)



- Cyan (37%)
- Magenta (44%)
- Yellow (0%)
- Black (17%)



- Cyan (48%)
- Magenta (53%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8577D3 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 8577D3 by changing the saturation by 10% instead.



8577D3

8577D3

FFFFFF

6A5EB7

BDABFF

4F469C

DAC7FF

333081

F7E3FF

131B68

00054F

000137

000221

000006

000000

8577D3

8577D3

7362D3

978CD3

614DD3

A9A1D3

4F38D3

BBB6D3

3D23D3

CDCBD3

2C0ED3

DEE1D3

2000D3

F0F6D3

FFFFD3

# Harmonies

## Analogous

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



0088E0



8577D3



BC64B1

# Triad

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



8577D3



BF7032



009983

# Complementary

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



8577D3



C5D377

# 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.



259654



8577D3



9B821E

# Square

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



8577D3



D45F58



6D8E2E



0099B1

# Rectangle

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



8577D3



D05B94



6D8E2E



009973



# Sweetspot

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



8577D3



E3DEFF



77C5D3



6E6B80



000000



808080



# Same Dimension

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



8577D3



8F7AFF



B377D3



605E69



1A00A8



060029



# Inverse Universe

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



D377C5



FF7AEB



97D377



695E67



A8008F

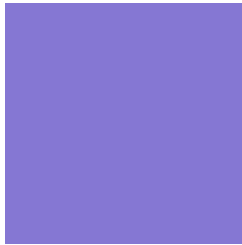


290023



# Previews

## White Background



This preview shows how the Hex color 8577D3 looks on a white background.

## Color Contrast Check

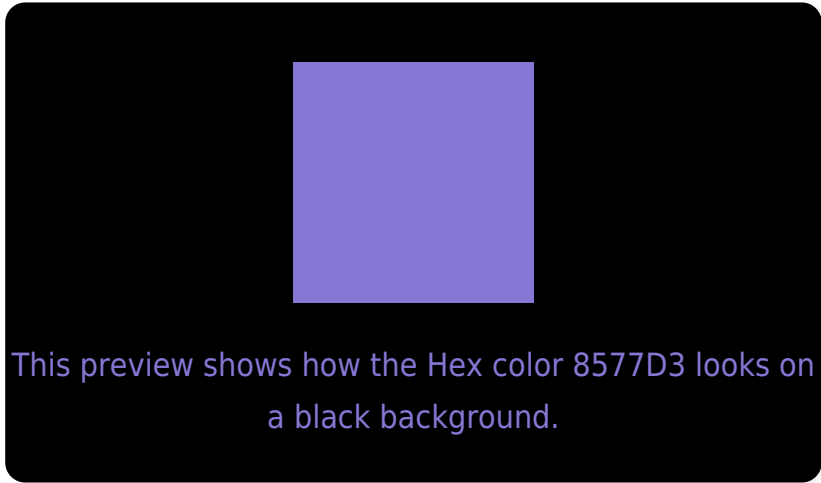
Large Text (above 18pt) WCAG AA ✓ Pass

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 8577D3 Background



This preview shows how black text looks on a background with the Hex color 8577D3.

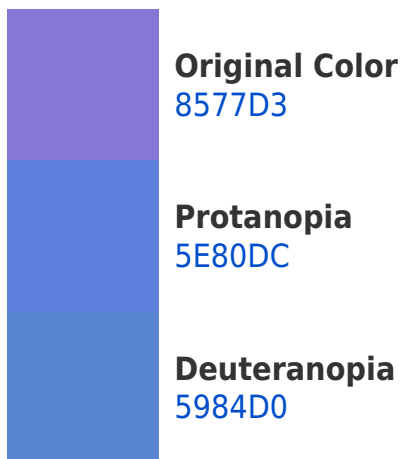


This preview shows how white text looks on a background with the Hex color 8577D3.

# 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](#).

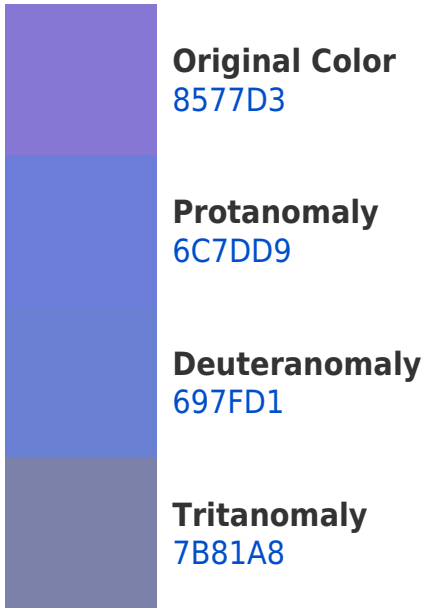
## Dichromacy



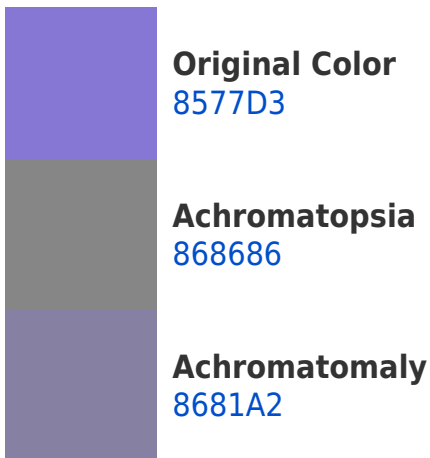


**Tritanopia**  
768690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8577D3 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 #8577D3 looks like.

```
.text, #text, p{  
    color:#8577D3  
}
```

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 #8577D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8577D3
}
```

## Border

The CSS property to change the border of an element to Hex 8577D3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

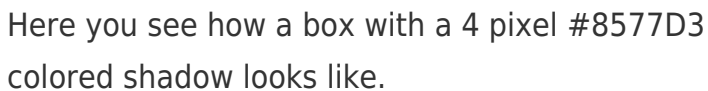
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8577D3 }
```

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

```
.border{ border-color:#8577D3 }
```

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



Here you see how a box with a 4 pixel #8577D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8577D3; -webkit-box-shadow:4px 4px  
4px 4px #8577D3; box-shadow:4px 4px 4px  
4px #8577D3 }
```

# Background

The CSS property to change the background color of an element to Hex 8577D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8577D3 }
```

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

```
.background{ background-color:#8577D3 }
```

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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