

Converting Colors

Hex(8577CA)

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

Hex(8577CA)	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(8577CA)

Conversions

Conversions Part 1

Format	Color
Hex	8577CA
RGB	133, 119, 202
RGB Percent	52%, 47%, 79%
CMY	0.4784, 0.5333, 0.2078
CMYK	0.34, 0.41, 0.00, 0.21
HSL	250°, 44%, 63%
HSV	250°, 41%, 79%
XYZ	26.9304, 22.4445, 58.7899
YIQ	132.6480, -18.2990, 28.7810

Conversions

Conversions Part 2

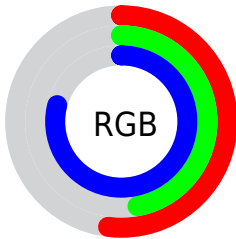
Format	Color
R_{YB}	133, 119, 202
Decimal	8746954
CIE _{Lab}	54.50, 24.54, -41.31
CIE _{LCh}	54, 48.054, 300.711
Yxy	22.4445, 0.2490, 0.2075
Android (android.graphics.Color)	4286937034 (0xFF8577CA)
YUV	132.6480, 34.1905, 0.3087
Hunter-Lab	47.3756, 18.5599, -40.4120

Details

The Hex color **8577CA** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **BCCA77**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **BCABFF**, and **504693** is the 20% darker color. If you saturate the color by 10%, you get **7463CA**, and if you desaturate by 10%, it is **968BCA**.

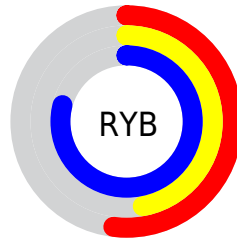
Distribution



Red (52%)

Green (47%)

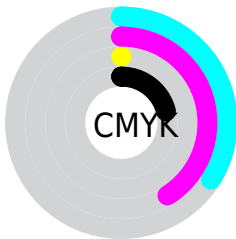
Blue (79%)



Red (52%)

Yellow (47%)

Blue (79%)

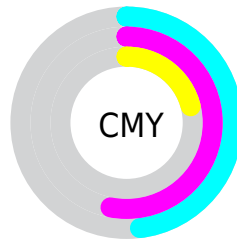


Cyan (34%)

Magenta (41%)

Yellow (0%)

Black (21%)



Cyan (48%)

Magenta (53%)

Yellow (21%)

Brightness & Saturation Gradients

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

■ 8577CA

■ 8577CA

FFFFFF

■ 6A5EAE

■ BCABFF

■ 504693

■ D9C7FF

■ 353079

■ F6E3FF

■ 181B60

■ 000448

■ 000331

■ 00011B

■ 000000

■ 8577CA

■ 8577CA

 7463CA

 968BCA

 634FCA


 A79FCA

 533ACA

 B7B4CA

 4226CA

 C8C8CA

 3112CA

 D9DCCA

 2200CA

 EAF0CA

 FBFFCA

 FFFFCA

Harmonies

Analogous

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



2687D5



8577CA



B666AC

Triad

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



8577CA



B9713A



009782

Complementary

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



8577CA



BCCA77

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.



349358



8577CA



98812A

Square

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



8577CA



CC625A



6E8C37



0096AC

Rectangle

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



8577CA



C85F91



6E8C37



009674

Sweetspot

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



8577CA



E6E0FF



77BCCA



716E80



000000



808080

Same Dimension

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



8577CA



9782FF



AE77CA



5E5C66



1C00A6



060026

Inverse Universe

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



CA77BC



FF82EA



93CA77



665C64



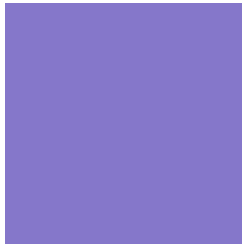
A6008A



260020

Previews

White Background



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

Color Contrast Check

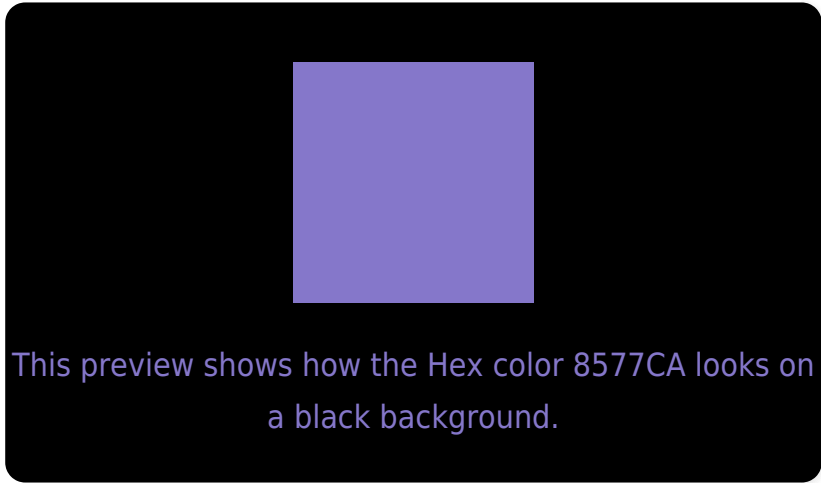
Large Text (above 18pt) WCAG AA ✓ Pass

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 8577CA Background



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

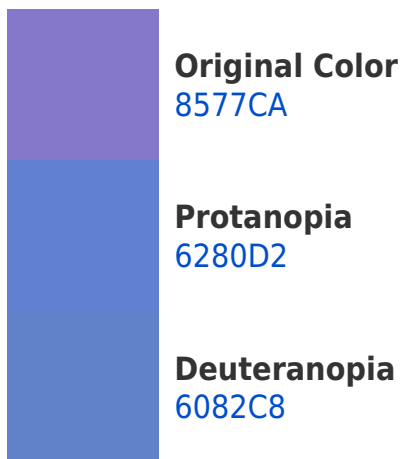


This preview shows how white text looks on a background with the Hex color 8577CA.

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](#).

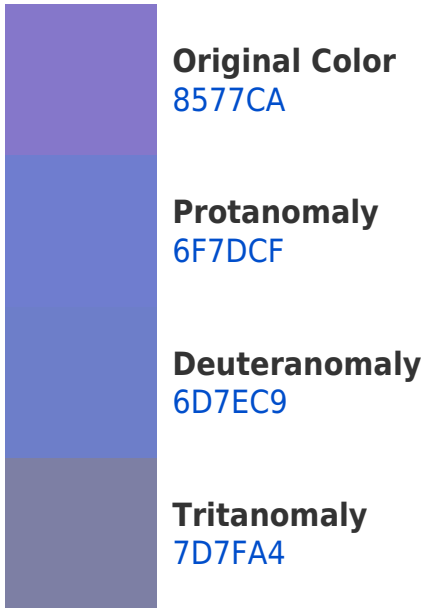
Dichromacy





Tritanopia
78848E

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #8577CA colored shadow looks like.

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

Border

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

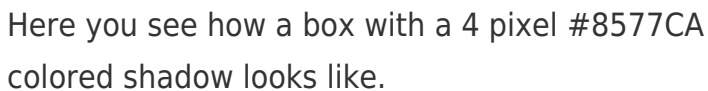
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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