

# Converting Colors

Hex(8533C5)

Have a look what the booklet for  
Hex(8533C5) contains.

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# Color

Hex(8533C5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8533C5
RGB	133, 51, 197
RGB Percent	52%, 20%, 77%
CMY	0.4784, 0.8000, 0.2275
CMYK	0.32, 0.74, 0.00, 0.23
HSL	274°, 59%, 49%
HSV	274°, 74%, 77%
XYZ	20.9347, 11.3854, 53.9175
YIQ	92.1620, 2.0060, 62.7900

# Conversions

## Conversions Part 2

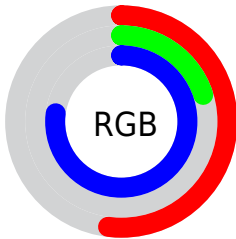
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 51, 197
Decimal	8729541
CIE <sub>Lab</sub>	40.22, 59.62, -61.29
CIE <sub>LCh</sub>	40, 85.508, 314.207
Yxy	11.3854, 0.2428, 0.1320
Android (android.graphics.Color)	4286919621 (0xFF8533C5)
YUV	92.1620, 51.6851, 35.8149
Hunter-Lab	33.7423, 51.6978, -71.1212

# Details

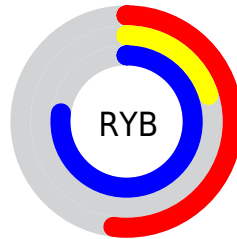
The Hex color **8533C5** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **73C533**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **BF69FF**, and **4C008E** is the 20% darker color. If you saturate the color by 10%, you get **7C1FC5**, and if you desaturate by 10%, it is **8E47C5**.

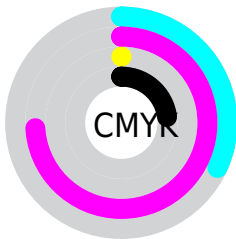
# Distribution



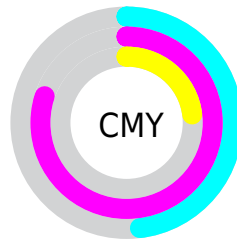
- Red (52%)
- Green (20%)
- Blue (77%)



- Red (52%)
- Yellow (20%)
- Blue (77%)



- Cyan (32%)
- Magenta (74%)
- Yellow (0%)
- Black (23%)



- Cyan (48%)
- Magenta (80%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8533C5 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 8533C5 by changing the saturation by 10% instead.



 8533C5

 8533C5

FFFFFF

 6913A9

 BF69FF

 4C008E

 DC84FF

 2E0074

 FAA0FF

 0F005A

 FFBCFF

 000042

 FFD8FF

 00032A

 FFF6FF

 000115

 000000

 8533C5

 8533C5

 7C1FC5

 8E47C5


 740CC5

 965AC5

 6F00C5

 9F6EC5

 A882C5

 B096C5

 B9A9C5

 C1BDC5

 CAD1C5

 D3E4C5

# Harmonies

## Analogous

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



005EEA



8533C5



C40087

# Triad

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



8533C5



924E00



007A80

# Complementary

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



8533C5



73C533

# 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.



007735



8533C5



566600

# Square

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



8533C5



BD1500



007200



0079C1

# Rectangle

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



8533C5



D10059



007200



007967



# Sweetspot

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



8533C5



E6C7FF



3375C5



715E80



000000



808080



# Same Dimension

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



8533C5



9C1CFF



C533BE



5F5A63



5C00A3



140024



# Inverse Universe

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



C53373



FF1C80



33C53A



635A5E



A30048

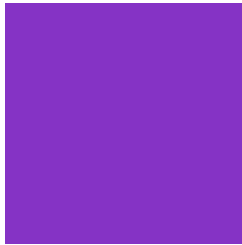


240010



# Previews

## White Background



This preview shows how the Hex color 8533C5 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

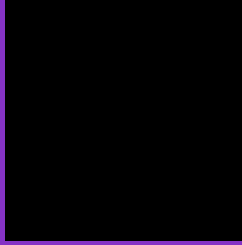
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8533C5 Background



This preview shows how black text looks on a background with the Hex color 8533C5.

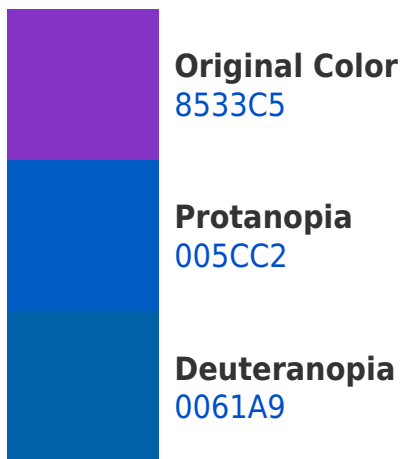



This preview shows how white text looks on a background with the Hex color 8533C5.

# 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](#).

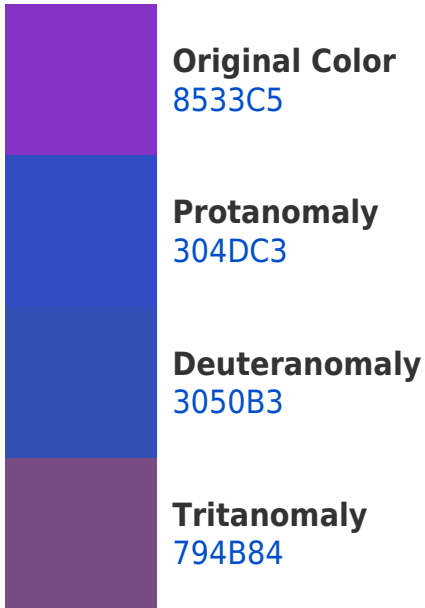
## Dichromacy





**Tritanopia**  
72585F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8533C5 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 #8533C5 looks like.

```
.text, #text, p{  
    color:#8533C5  
}
```

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 #8533C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8533C5
}
```

## Border

The CSS property to change the border of an element to Hex 8533C5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

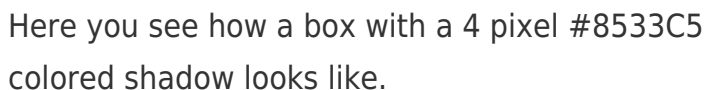
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8533C5 }
```

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

```
.border{ border-color:#8533C5 }
```

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



Here you see how a box with a 4 pixel #8533C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8533C5; -webkit-box-shadow:4px 4px  
4px 4px #8533C5; box-shadow:4px 4px 4px  
4px #8533C5 }
```

# Background

The CSS property to change the background color of an element to Hex 8533C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8533C5 }
```

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

```
.background{ background-color:#8533C5 }
```

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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