

# Converting Colors

Hex(8550B9)

Have a look what the booklet for  
Hex(8550B9) contains.

<b>Hex(8550B9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(8550B9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8550B9
RGB	133, 80, 185
RGB Percent	52%, 31%, 73%
CMY	0.4784, 0.6863, 0.2745
CMYK	0.28, 0.57, 0.00, 0.27
HSL	270°, 43%, 52%
HSV	270°, 57%, 73%
XYZ	21.2985, 14.2266, 47.5224
YIQ	107.8170, -2.1170, 43.8910

# Conversions

## Conversions Part 2

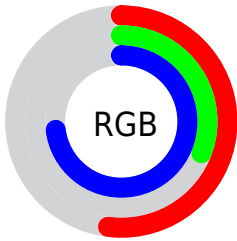
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	133, 80, 185
Decimal	8736953
CIE Lab	44.56, 42.68, -47.30
CIE LCh	45, 63.709, 312.059
Yxy	14.2266, 0.2565, 0.1713
Android (android.graphics.Color)	4286927033 (0xFF8550B9)
YUV	107.8170, 38.0512, 22.0855
Hunter-Lab	37.7182, 34.7873, -48.2986

# Details

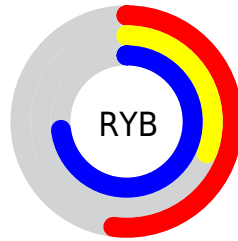
The Hex color **8550B9** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **84B950**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **BD83F2**, and **4F1F83** is the 20% darker color. If you saturate the color by 10%, you get **7C3DB9**, and if you desaturate by 10%, it is **8E63B9**.

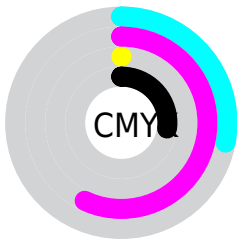
# Distribution



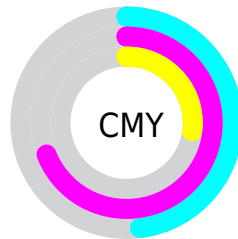
- Red (52%)
- Green (31%)
- Blue (73%)



- Red (52%)
- Yellow (31%)
- Blue (73%)



- Cyan (28%)
- Magenta (57%)
- Yellow (0%)
- Black (27%)



- Cyan (48%)
- Magenta (69%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8550B9 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 8550B9 by changing the saturation by 10% instead.



 8550B9

 8550B9

FFFFFF

 6A379E

 BD83F2

 4F1F83

 DA9EFF

 340369

 F7B9FF

 190051

 FFD5FF

 000039

 FFF2FF

 000222

 000008

 000000

 8550B9

 8550B9

7C3DB9

8E63B9

732BB9

9775B9

6A18B9

A088B9

6006B9

AA9AB9

5D00B9

B3ADB9

BCBFB9

C5D2B9

CEE4B9

D7F6B9

# Harmonies

## Analogous

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



0069D2



8550B9



B7338B

# Triad

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



8550B9



995B00



00817E

# Complementary

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



8550B9



84B950

# 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.



007F46



8550B9



6C6E00

# Square

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



8550B9



B94124



2C7907



007FB0

# Rectangle

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



8550B9



C42768



2C7907



00806C



# Sweetspot

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



8550B9



DCC7F0



5085B9



6C6078



F7F7F7



787878



# Same Dimension

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



8550B9



9F4DF0



B950B9



57535C



4F009C



0E001C



# Inverse Universe

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



B95084



F04D9D



50B950



5C5357



9C004D

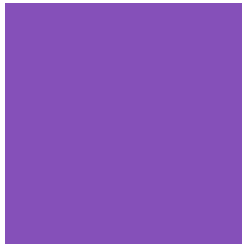


1C000E



# Previews

## White Background



This preview shows how the Hex color 8550B9 looks on a white background.

## Color Contrast Check

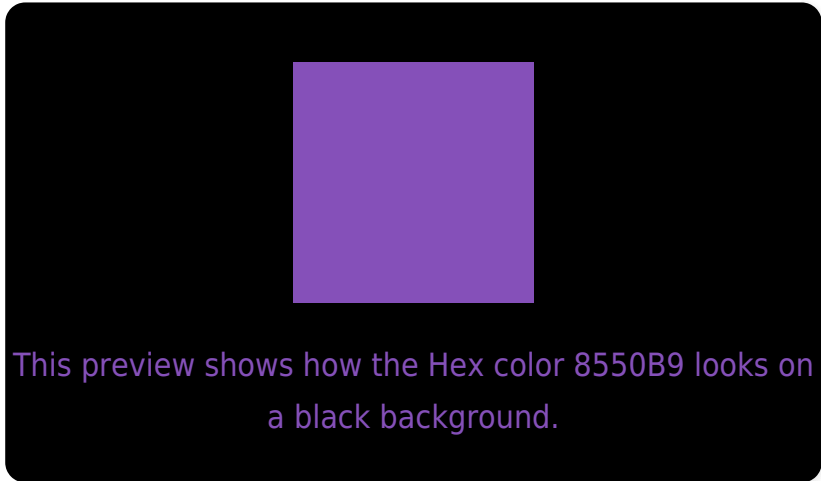
Large Text (above 18pt) WCAG AA ✓ Pass

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

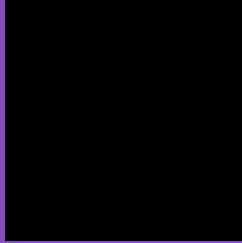
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8550B9 Background



This preview shows how black text looks on a background with the Hex color 8550B9.

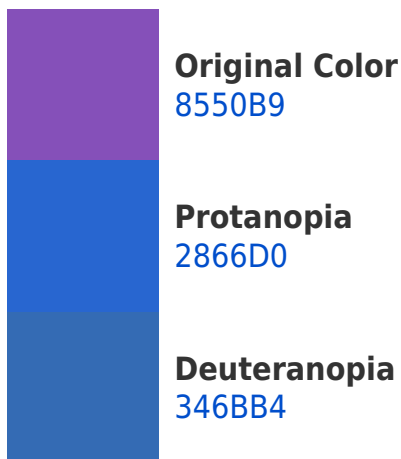



This preview shows how white text looks on a background with the Hex color 8550B9.

# 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](#).

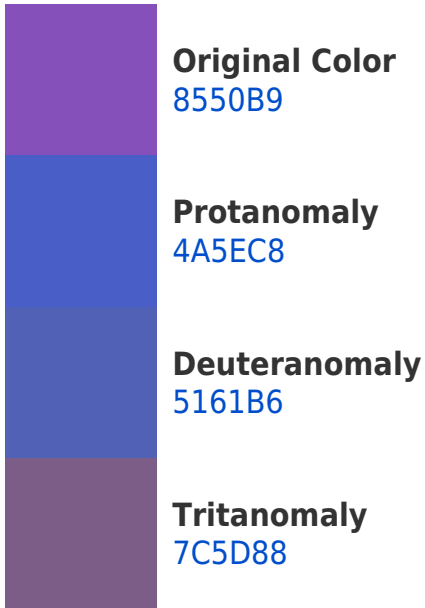
## Dichromacy



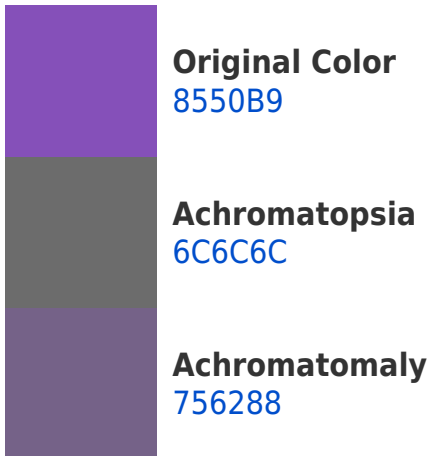


**Tritanopia**  
77646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8550B9 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 #8550B9 looks like.

```
.text, #text, p{  
    color:#8550B9  
}
```

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 #8550B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8550B9
}
```

## Border

The CSS property to change the border of an element to Hex 8550B9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

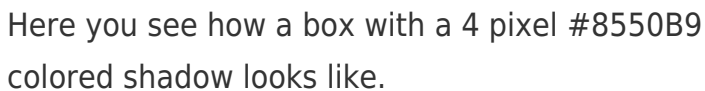
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8550B9 }
```

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

```
.border{ border-color:#8550B9 }
```

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



Here you see how a box with a 4 pixel #8550B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8550B9; -webkit-box-shadow:4px 4px  
4px 4px #8550B9; box-shadow:4px 4px 4px  
4px #8550B9 }
```

# Background

The CSS property to change the background color of an element to Hex 8550B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8550B9 }
```

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

```
.background{ background-color:#8550B9 }
```

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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