

# Converting Colors

Hex(8B58CD)

Have a look what the booklet for  
Hex(8B58CD) contains.

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**Color**

**Hex(8B58CD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B58CD
RGB	139, 88, 205
RGB Percent	55%, 35%, 80%
CMY	0.4549, 0.6549, 0.1961
CMYK	0.32, 0.57, 0.00, 0.20
HSL	266°, 54%, 57%
HSV	266°, 57%, 80%
XYZ	25.1566, 16.8762, 59.6891
YIQ	116.5870, -7.1610, 47.1990

# Conversions

## Conversions Part 2

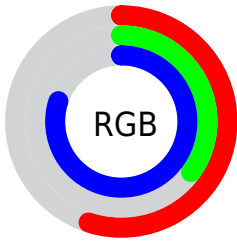
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 88, 205
Decimal	9132237
CIE <sub>Lab</sub>	48.10, 44.72, -53.16
CIE <sub>LCh</sub>	48, 69.468, 310.070
Yxy	16.8762, 0.2473, 0.1659
Android (android.graphics.Color)	4287322317 (0xFF8B58CD)
YUV	116.5870, 43.5876, 19.6562
Hunter-Lab	41.0806, 37.4172, -57.3904

# Details

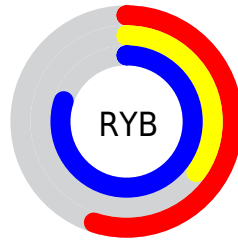
The Hex color **8B58CD** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **9ACD58**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **C48CFF**, and **542796** is the 20% darker color. If you saturate the color by 10%, you get **7F44CD**, and if you desaturate by 10%, it is **976DCD**.

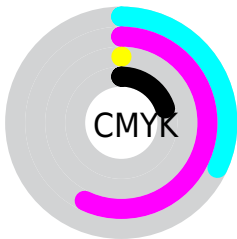
# Distribution



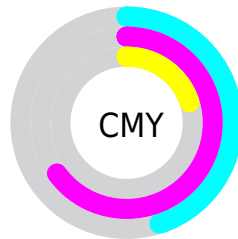
- Red (55%)
- Green (35%)
- Blue (80%)



- Red (55%)
- Yellow (35%)
- Blue (80%)



- Cyan (32%)
- Magenta (57%)
- Yellow (0%)
- Black (20%)



- Cyan (45%)
- Magenta (65%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B58CD 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 8B58CD by changing the saturation by 10% instead.



8B58CD

8B58CD

FFFFFF

6F3FB1

C48CFF

542796

E1A7FF

380C7B

FEC2FF

180062

FFDFFF

000049

FFFCFF

000432

00011C

000000

8B58CD

8B58CD

7F44CD

976DCD

742FCD

A281CD

681BCD

AE96CD

5D06CD

B9AACD

5900CD

C5BFCD

D0D3CD

DCE8CD

E8FCCD

F3FFCD

# Harmonies

## Analogous

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



0073E7



8B58CD



C5369C

# Triad

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



8B58CD



AA6000



008C85

# Complementary

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



8B58CD



9ACD58

# 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.



008947



8B58CD



797600

# Square

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



8B58CD



CC4229



348300



008ABD

# Rectangle

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



8B58CD



D52675



348300



008B71



# Sweetspot

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



8B58CD



E7D4FF



589ACD



716680



000000



808080



# Same Dimension

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



8B58CD



9D52FF



C558CD



605C66



4800A6



110026



# Inverse Universe

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



CD589A



FF52B3



60CD58



665C62



A6005D

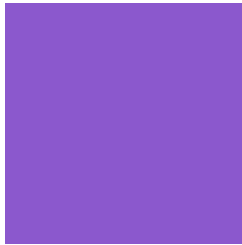


260016



# Previews

## White Background



This preview shows how the Hex color 8B58CD looks on a white background.

## Color Contrast Check

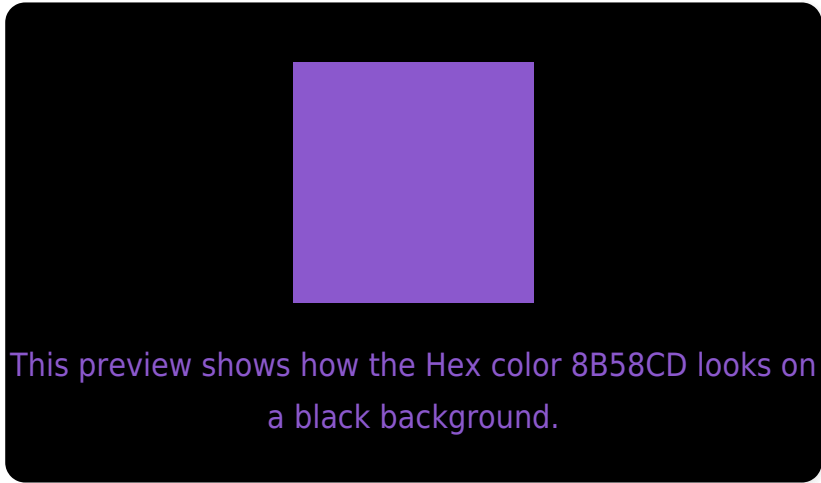
Large Text (above 18pt) WCAG AA ✓ Pass

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

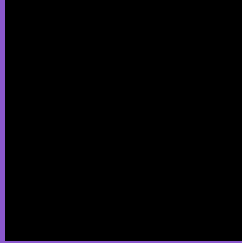
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B58CD Background



This preview shows how black text looks on a background with the Hex color 8B58CD.

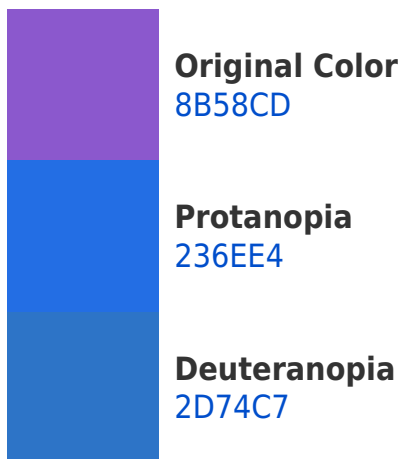



This preview shows how white text looks on a background with the Hex color 8B58CD.

# 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](#).

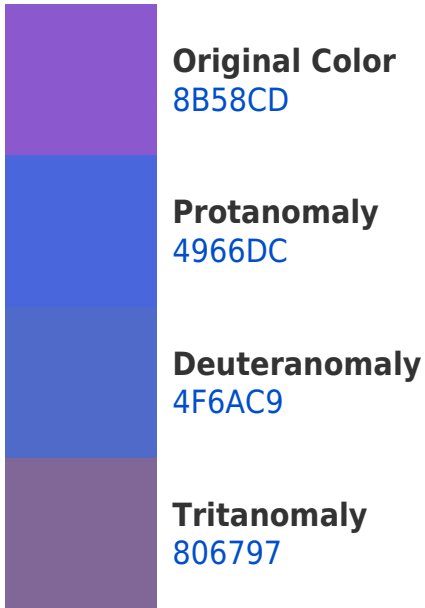
## Dichromacy



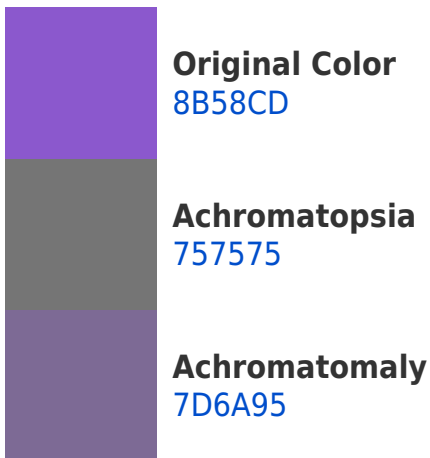


**Tritanopia**  
7A6F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B58CD 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 #8B58CD looks like.

```
.text, #text, p{  
    color:#8B58CD  
}
```

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 #8B58CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B58CD
}
```

## Border

The CSS property to change the border of an element to Hex 8B58CD 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
#8B58CD }
```

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

```
.border{ border-color:#8B58CD }
```

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

Here you see how a box with a 4 pixel #8B58CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B58CD; -webkit-box-shadow:4px 4px  
4px 4px #8B58CD; box-shadow:4px 4px 4px  
4px #8B58CD }
```

# Background

The CSS property to change the background color of an element to Hex 8B58CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B58CD }
```

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

```
.background{ background-color:#8B58CD }
```

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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