

# Converting Colors

Hex(8B75CD)

Have a look what the booklet for  
Hex(8B75CD) contains.

<b>Hex(8B75CD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(8B75CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B75CD
RGB	139, 117, 205
RGB Percent	55%, 46%, 80%
CMY	0.4549, 0.5412, 0.1961
CMYK	0.32, 0.43, 0.00, 0.20
HSL	255°, 47%, 63%
HSV	255°, 43%, 80%
XYZ	28.0282, 22.6193, 60.6463
YIQ	133.6100, -15.1360, 32.0320

# Conversions

## Conversions Part 2

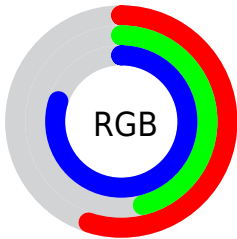
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">139, 117, 205</a>
Decimal	<a href="#">9139661</a>
CIELab	<a href="#">54.68, 28.16, -42.70</a>
CIELCh	<a href="#">55, 51.145, 303.404</a>
Yxy	<a href="#">22.6193, 0.2518, 0.2032</a>
Android (android.graphics.Color)	<a href="#">4287329741 (0xFF8B75CD)</a>
YUV	<a href="#">133.6100, 35.1953, 4.7270</a>
Hunter-Lab	<a href="#">47.5598, 21.9650, -42.3124</a>

# Details

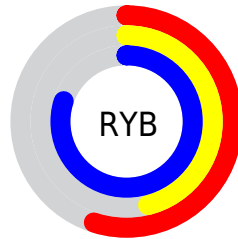
The Hex color **8B75CD** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **B7CD75**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **C3A9FF**, and **564496** is the 20% darker color. If you saturate the color by 10%, you get **7C61CD**, and if you desaturate by 10%, it is **9A8ACD**.

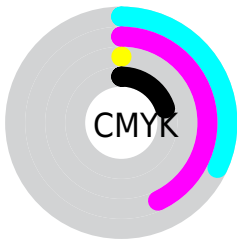
# Distribution



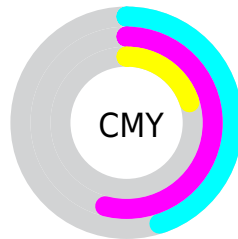
- Red (55%)
- Green (46%)
- Blue (80%)



- Red (55%)
- Yellow (46%)
- Blue (80%)



- Cyan (32%)
- Magenta (43%)
- Yellow (0%)
- Black (20%)



- Cyan (45%)
- Magenta (54%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B75CD 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 8B75CD by changing the saturation by 10% instead.



 8B75CD

 8B75CD

FFFFFF

 705CB1

 C3A9FF

 564496

 DFC5FF

 3B2E7C

 FDE1FF

 1F1863

 FFFDFF

 00024A

 000033

 00021D

 000000

 8B75CD

 8B75CD

 7C61CD

 9A8ACD

 6C4CCD

 AA9ECD

 5D37CD

 B9B3CD

 4D23CD

 C9C7CD

 3E0ECD

 D8DCCD

 3300CD

 E7F0CD

 F7FFCD

 FFFFCD

# Harmonies

## Analogous

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



2686DB



8B75CD



BD63AB

# Triad

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



8B75CD



BA7232



009887

# Complementary

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



8B75CD



B7CD75

# 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.



209559



8B75CD



968223

# Square

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



8B75CD



D06155



688E34



0097B2

# Rectangle

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



8B75CD



CE5B8F



688E34



009877



# Sweetspot

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



8B75CD



E6DEFF



75B7CD



706B80



000000



808080



# Same Dimension

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



8B75CD



9C7AFF



B775CD



5E5C66



2900A6



0A0026



# Inverse Universe

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



CD75B7



FF7ADE



8BCD75



665C63



A6007C

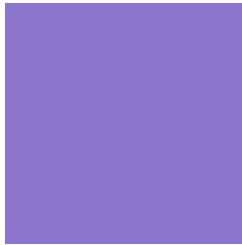


26001D



# Previews

## White Background



This preview shows how the Hex color 8B75CD looks on a white background.

## Color Contrast Check

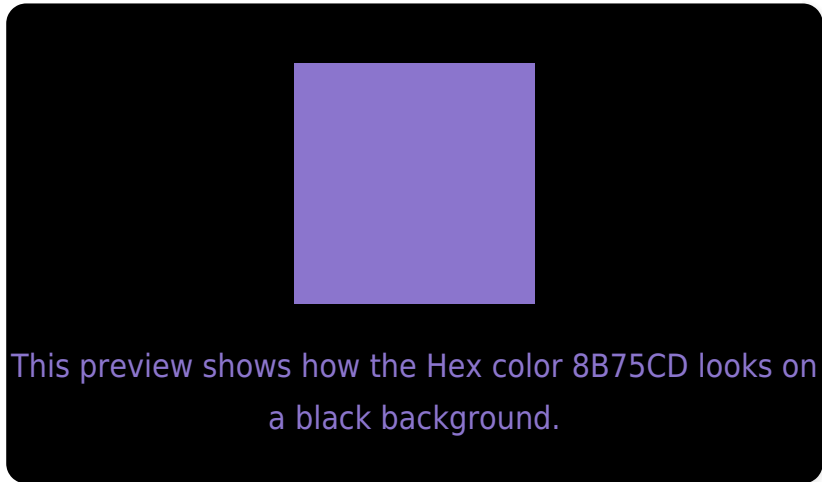
Large Text (above 18pt) WCAG AA ✓ Pass

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

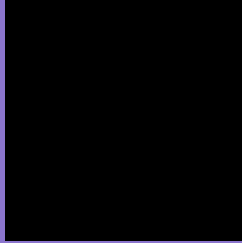
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8B75CD Background



This preview shows how black text looks on a background with the Hex color 8B75CD.

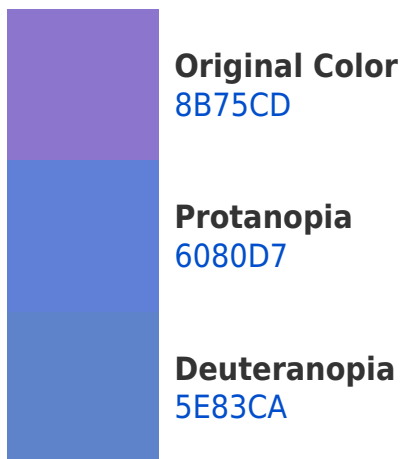



This preview shows how white text looks on a background with the Hex color 8B75CD.

# 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](#).

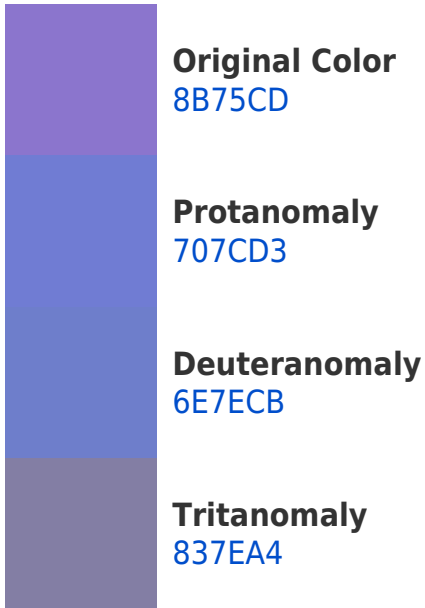
## Dichromacy



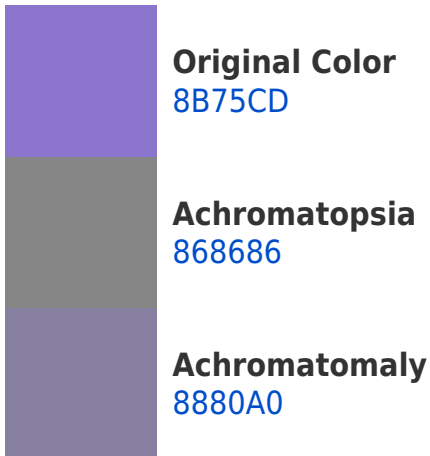


**Tritanopia**  
7E838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B75CD 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 #8B75CD looks like.

```
.text, #text, p{  
    color:#8B75CD  
}
```

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 #8B75CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B75CD
}
```

## Border

The CSS property to change the border of an element to Hex 8B75CD 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
#8B75CD }
```

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

```
.border{ border-color:#8B75CD }
```

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

Here you see how a box with a 4 pixel #8B75CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B75CD; -webkit-box-shadow:4px 4px  
4px 4px #8B75CD; box-shadow:4px 4px 4px  
4px #8B75CD }
```

# Background

The CSS property to change the background color of an element to Hex 8B75CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B75CD }
```

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

```
.background{ background-color:#8B75CD }
```

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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