

# Converting Colors

Hex(8C5BE2)

Have a look what the booklet for  
Hex(8C5BE2) contains.

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# Color

Hex(8C5BE2)

# Conversions

## Conversions Part 1

Format	Color
Hex	8C5BE2
RGB	140, 91, 226
RGB Percent	55%, 36%, 89%
CMY	0.4510, 0.6431, 0.1137
CMYK	0.38, 0.60, 0.00, 0.11
HSL	262°, 70%, 62%
HSV	262°, 60%, 89%
XYZ	28.2838, 18.5486, 74.0410
YIQ	121.0410, -14.1310, 52.3730

# Conversions

## Conversions Part 2

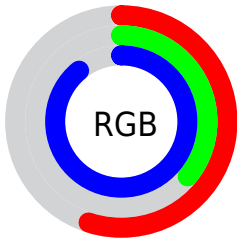
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	140, 91, 226
Decimal	9198562
CIE Lab	50.15, 48.66, -61.81
CIE LCh	50, 78.670, 308.211
Yxy	18.5486, 0.2340, 0.1535
Android (android.graphics.Color)	4287388642 (0xFF8C5BE2)
YUV	121.0410, 51.7448, 16.6270
Hunter-Lab	43.0681, 41.8557, -71.7814

# Details

The Hex color **8C5BE2** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **B1E25B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **C68FFF**, and **5229AA** is the 20% darker color. If you saturate the color by 10%, you get **7E44E2**, and if you desaturate by 10%, it is **9A72E2**.

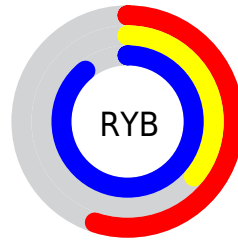
# Distribution



Red (55%)

Green (36%)

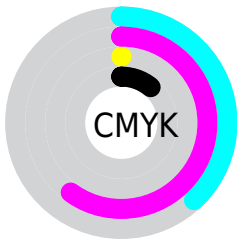
Blue (89%)



Red (55%)

Yellow (36%)

Blue (89%)

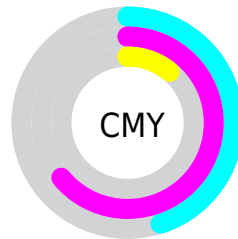


Cyan (38%)

Magenta (60%)

Yellow (0%)

Black (11%)



Cyan (45%)

Magenta (64%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C5BE2 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 8C5BE2 by changing the saturation by 10% instead.



 8C5BE2

 8C5BE2

FFFFFF

 6F42C6

 C68FFF

 5229AA

 E4AAFF

 340F8F

 FFC6FF

 0A0074

 FFE2FF

 00005B

 000242

 00032B

 000115

 000000

8C5BE2

8C5BE2

7E44E2

9A72E2

6F2EE2

A988E2

6117E2

B79FE2

5201E2

C6B5E2

5200E2

D4CCE2

E2E3E2

F1F9E2

FFFFE2

# Harmonies

## Analogous

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



007AFE



8C5BE2



D22DAB

# Triad

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



8C5BE2



B76100



009389

# Complementary

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



8C5BE2



B1E25B

# 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.



009142



8C5BE2



817B00

# Square

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



8C5BE2



DD3A27



318900



0093C9

# Rectangle

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



8C5BE2



E6077E



318900



009371



# Sweetspot

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



8C5BE2



E2D1FF



5BB3E2



6E6380



000000



808080



# Same Dimension

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



8C5BE2



8A47FF



CE5BE2



696570



4000B0



120030



# Inverse Universe

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



E25BB1



FF47BC



6FE25B



70656C



B00070

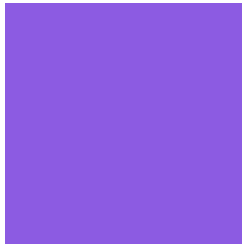


30001F



# Previews

## White Background



This preview shows how the Hex color 8C5BE2 looks on a white background.

## Color Contrast Check

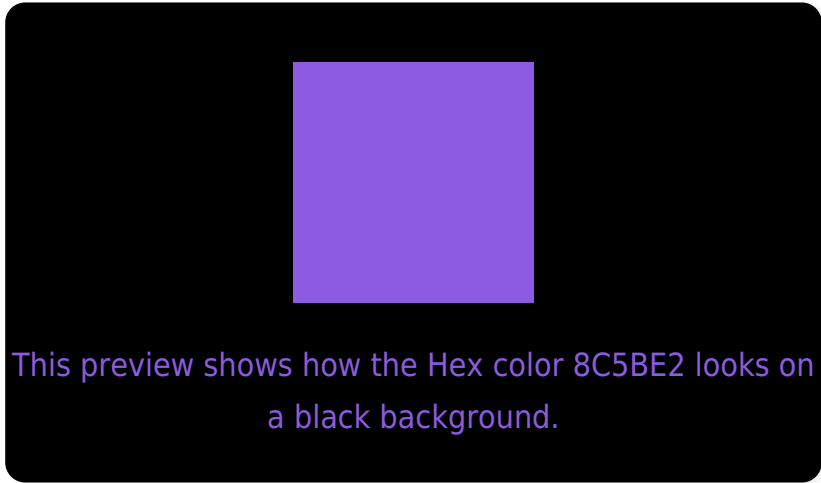
Large Text (above 18pt) WCAG AA ✓ Pass

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

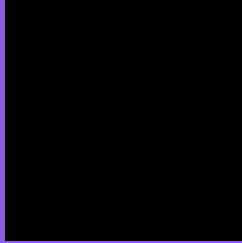
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C5BE2 Background



This preview shows how black text looks on a background with the Hex color 8C5BE2.

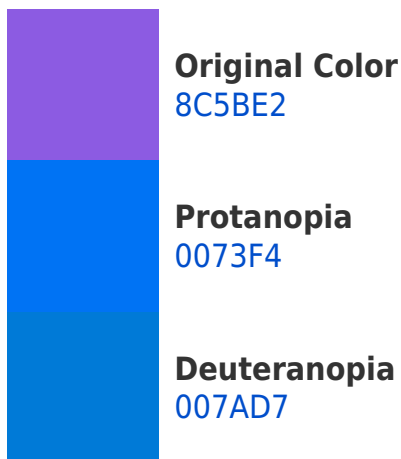


This preview shows how white text looks on a background with the Hex color 8C5BE2.

# 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](#).

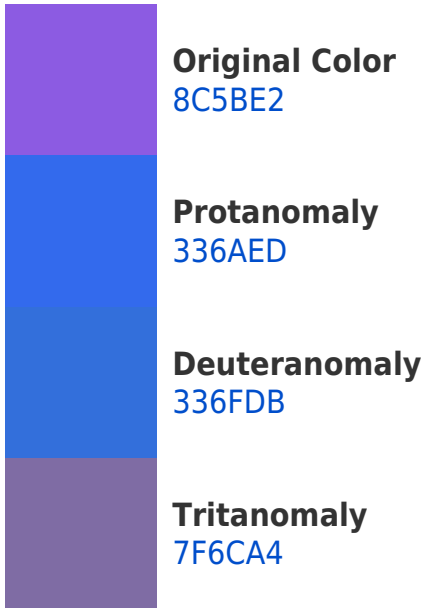
## Dichromacy



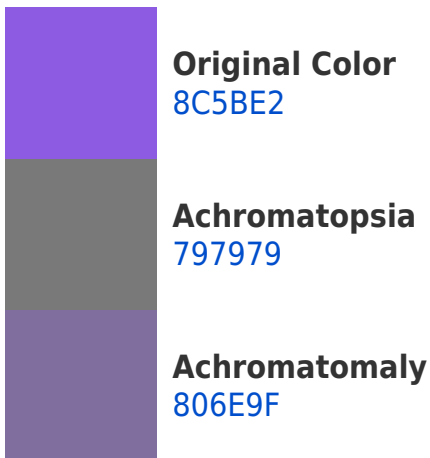


**Tritanopia**  
777680

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C5BE2 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 #8C5BE2 looks like.

```
.text, #text, p{  
    color:#8C5BE2  
}
```

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 #8C5BE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C5BE2
}
```

## Border

The CSS property to change the border of an element to Hex 8C5BE2 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
#8C5BE2 }
```

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

```
.border{ border-color:#8C5BE2 }
```

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

Here you see how a box with a 4 pixel #8C5BE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C5BE2; -webkit-box-shadow:4px 4px  
4px 4px #8C5BE2; box-shadow:4px 4px 4px  
4px #8C5BE2 }
```

# Background

The CSS property to change the background color of an element to Hex 8C5BE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C5BE2 }
```

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

```
.background{ background-color:#8C5BE2 }
```

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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