

# Converting Colors

Hex(8B5BC6)

Have a look what the booklet for  
Hex(8B5BC6) contains.

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# Color

**Hex(8B5BC6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B5BC6
RGB	139, 91, 198
RGB Percent	55%, 36%, 78%
CMY	0.4549, 0.6431, 0.2235
CMYK	0.30, 0.54, 0.00, 0.22
HSL	267°, 48%, 57%
HSV	267°, 54%, 78%
XYZ	24.5816, 17.0484, 55.4212
YIQ	117.5500, -5.7390, 43.4530

# Conversions

## Conversions Part 2

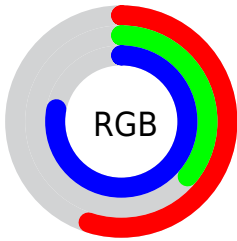
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 91, 198
Decimal	9132998
CIE <sub>Lab</sub>	48.32, 41.32, -48.79
CIE <sub>LCh</sub>	48, 63.933, 310.260
Yxy	17.0484, 0.2533, 0.1757
Android (android.graphics.Color)	4287323078 (0xFF8B5BC6)
YUV	117.5500, 39.6619, 18.8117
Hunter-Lab	41.2897, 34.0122, -50.6794

# Details

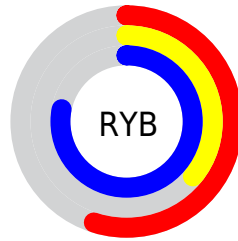
The Hex color **8B5BC6** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **96C65B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **C38FFF**, and **552A8F** is the 20% darker color. If you saturate the color by 10%, you get **8047C6**, and if you desaturate by 10%, it is **966FC6**.

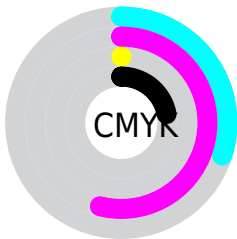
# Distribution



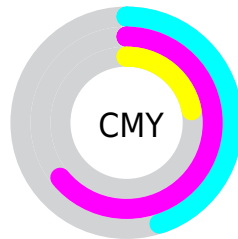
- Red (55%)
- Green (36%)
- Blue (78%)



- Red (55%)
- Yellow (36%)
- Blue (78%)



- Cyan (30%)
- Magenta (54%)
- Yellow (0%)
- Black (22%)



- Cyan (45%)
- Magenta (64%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B5BC6 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 8B5BC6 by changing the saturation by 10% instead.



 8B5BC6

 8B5BC6

FFFFFF

 7042AA

 C38FFF

 552A8F

 E0AAFF

 3A1175

 FEC5FF

 1D005C

 FFE2FF

 000044

FFFEFF

 00032C

 000117

 000000

 8B5BC6

 8B5BC6

8047C6

966FC6

7533C6

A183C6

6A20C6

AC96C6

5F0CC6

B7AAC6

5900C6

C2BEC6

CDD2C6

D7E6C6

E2F9C6

EDFFC6

# Harmonies

## Analogous

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



0073DE



8B5BC6



C03F98

# Triad

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



8B5BC6



A76300



008B84

# Complementary

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



8B5BC6



96C65B

# 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.



00894C



8B5BC6



7A7600

# Square

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



8B5BC6



C7492F



3C8210



0089B8

# Rectangle

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



8B5BC6



CF3475



3C8210



008A72



# Sweetspot

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



8B5BC6



E9D6FF



5B98C6



726780



000000



808080



# Same Dimension

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



8B5BC6



A459FF



BF5BC6



5E5A63



4900A3



100024



# Inverse Universe

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



C65B96



FF59B5



62C65B



635A5F



A3005A

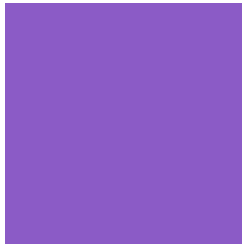


240014



# Previews

## White Background



This preview shows how the Hex color 8B5BC6 looks on a white background.

## Color Contrast Check

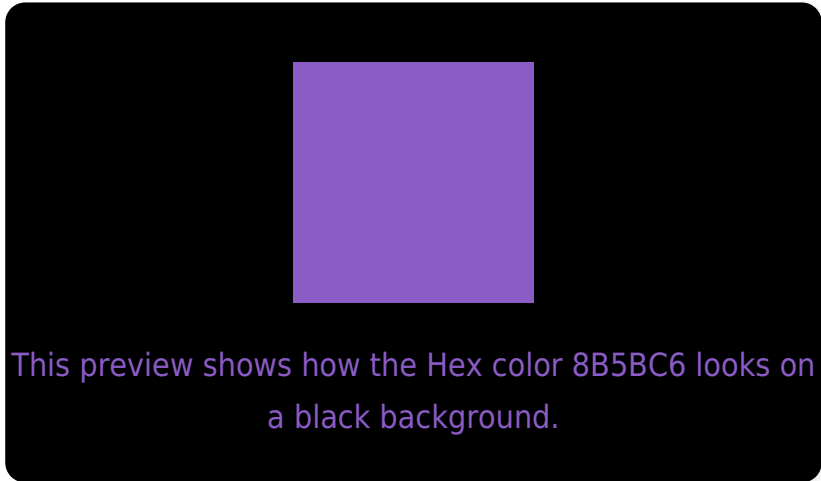
Large Text (above 18pt) WCAG AA ✓ Pass

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

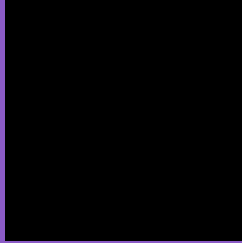
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B5BC6 Background



This preview shows how black text looks on a background with the Hex color 8B5BC6.

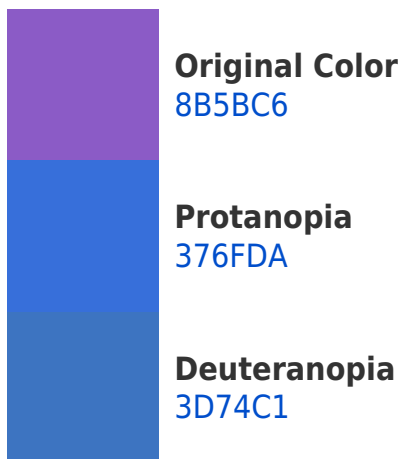



This preview shows how white text looks on a background with the Hex color 8B5BC6.

# 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**  
7C6F78

# Trichromacy



**Original Color**  
8B5BC6

**Protanomaly**  
5668D3

**Deuteranomaly**  
596BC3

**Tritanomaly**  
816894

# Monochromacy



**Original Color**  
8B5BC6

**Achromatopsia**  
767676

**Achromatomaly**  
7E6C93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B5BC6 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 #8B5BC6 looks like.

```
.text, #text, p{  
    color:#8B5BC6  
}
```

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 #8B5BC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B5BC6
}
```

## Border

The CSS property to change the border of an element to Hex 8B5BC6 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
#8B5BC6 }
```

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

```
.border{ border-color:#8B5BC6 }
```

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

Here you see how a box with a 4 pixel #8B5BC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B5BC6; -webkit-box-shadow:4px 4px  
4px 4px #8B5BC6; box-shadow:4px 4px 4px  
4px #8B5BC6 }
```

# Background

The CSS property to change the background color of an element to Hex 8B5BC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B5BC6 }
```

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

```
.background{ background-color:#8B5BC6 }
```

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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