

# Converting Colors

Hex(8B4CB2)

Have a look what the booklet for  
Hex(8B4CB2) contains.

<b>Hex(8B4CB2)</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(8B4CB2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B4CB2
RGB	139, 76, 178
RGB Percent	55%, 30%, 70%
CMY	0.4549, 0.7020, 0.3020
CMYK	0.22, 0.57, 0.00, 0.30
HSL	277°, 40%, 50%
HSV	277°, 57%, 70%
XYZ	21.2678, 13.8722, 43.6761
YIQ	106.4650, 4.8060, 45.0780

# Conversions

## Conversions Part 2

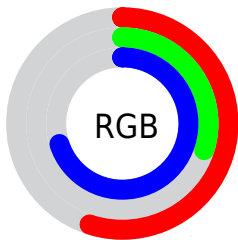
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	139, 76, 178
Decimal	9129138
CIE Lab	44.05, 44.72, -43.97
CIE LCh	44, 62.712, 315.486
Yxy	13.8722, 0.2698, 0.1760
Android (android.graphics.Color)	4287319218 (0xFF8B4CB2)
YUV	106.4650, 35.2668, 28.5332
Hunter-Lab	37.2454, 36.7472, -43.4551

# Details

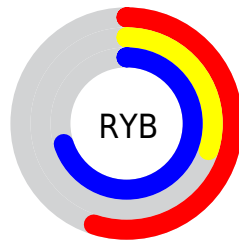
The Hex color **8B4CB2** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **73B24C**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **C380EA**, and **55197D** is the 20% darker color. If you saturate the color by 10%, you get **843AB2**, and if you desaturate by 10%, it is **925EB2**.

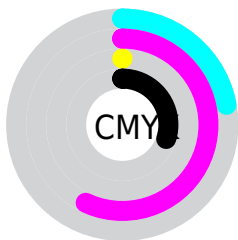
# Distribution



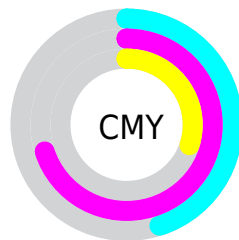
- Red (55%)
- Green (30%)
- Blue (70%)



- Red (55%)
- Yellow (30%)
- Blue (70%)



- Cyan (22%)
- Magenta (57%)
- Yellow (0%)
- Black (30%)



- Cyan (45%)
- Magenta (70%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B4CB2 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 8B4CB2 by changing the saturation by 10% instead.



8B4CB2

8B4CB2

FFFFFF

703397

C380EA

55197D

E09AFF

3B0063

FDB6FF

22004B

FFD2FF

000033

FFEFFF

00021D

000000

8B4CB2

8B4CB2

843AB2

925EB2

7D28B2

9970B2

7717B2

9F81B2

7005B2

A693B2

6E00B2

ADA5B2

B4B7B2

BBC9B2

C1DAB2

C8ECB2

# Harmonies

## Analogous

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



0B65CE



8B4CB2



B73084

# Triad

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



8B4CB2



935C00



007F83

# Complementary

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



8B4CB2



73B24C

# 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.



007D4C



8B4CB2



656E00

# Square

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



8B4CB2



B4431E



207812



007DB2

# Rectangle

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



8B4CB2



C22861



207812



007F71



# Sweetspot

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



8B4CB2



D9C1E8



4C73B2



6C5E75



F5F5F5



757575



# Same Dimension

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



8B4CB2



AB48E8



B24CA6



565059



5E0099



10001A



# Inverse Universe

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



B24C73



E84885



4CB258



595054



99003B



1A000A



# Previews

## White Background



This preview shows how the Hex color 8B4CB2 looks on a white background.

## Color Contrast Check

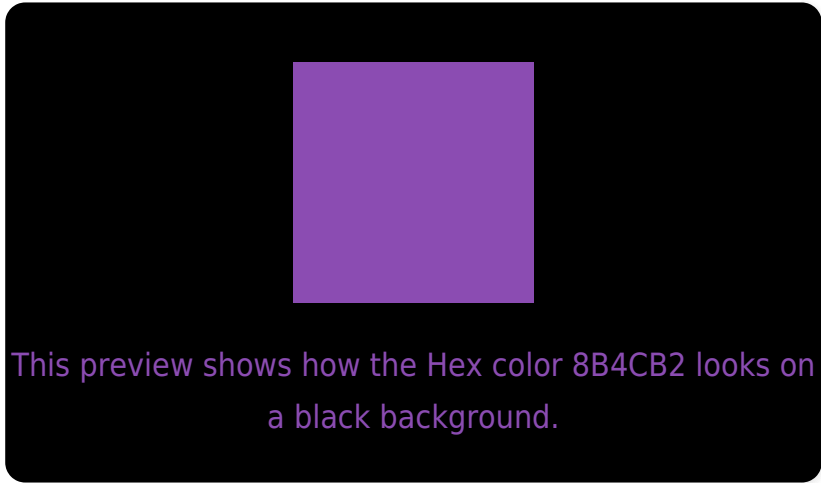
Large Text (above 18pt) WCAG AA ✓ Pass

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

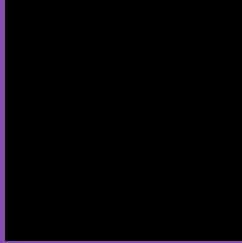
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B4CB2 Background



This preview shows how black text looks on a background with the Hex color 8B4CB2.

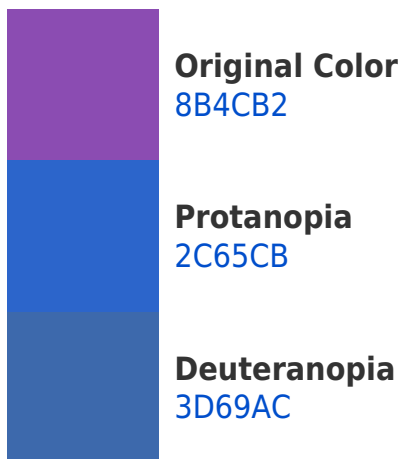


This preview shows how white text looks on a background with the Hex color 8B4CB2.

# 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



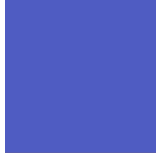


**Tritanopia**  
7F6067

# Trichromacy



**Original Color**  
8B4CB2



**Protanomaly**  
4F5CC2



**Deuteranomaly**  
595EAE



**Tritanomaly**  
835982

# Monochromacy



**Original Color**  
8B4CB2



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
765F84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B4CB2 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 #8B4CB2 looks like.

```
.text, #text, p{  
    color:#8B4CB2  
}
```

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 #8B4CB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B4CB2
}
```

## Border

The CSS property to change the border of an element to Hex 8B4CB2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

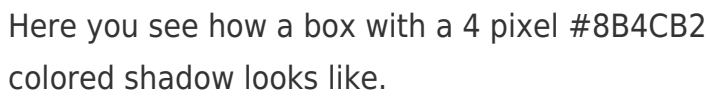
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B4CB2 }
```

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

```
.border{ border-color:#8B4CB2 }
```

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



Here you see how a box with a 4 pixel #8B4CB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B4CB2; -webkit-box-shadow:4px 4px  
4px 4px #8B4CB2; box-shadow:4px 4px 4px  
4px #8B4CB2 }
```

# Background

The CSS property to change the background color of an element to Hex 8B4CB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B4CB2 }
```

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

```
.background{ background-color:#8B4CB2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor