

# Converting Colors

Hex(8A46B0)

Have a look what the booklet for  
Hex(8A46B0) contains.

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# Color

**Hex(8A46B0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A46B0
RGB	138, 70, 176
RGB Percent	54%, 27%, 69%
CMY	0.4588, 0.7255, 0.3098
CMYK	0.22, 0.60, 0.00, 0.31
HSL	278°, 43%, 48%
HSV	278°, 60%, 69%
XYZ	20.5079, 12.9182, 42.4869
YIQ	102.4160, 6.5020, 47.3820

# Conversions

## Conversions Part 2

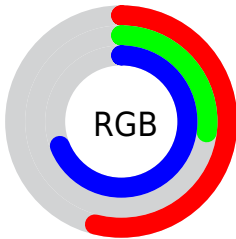
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 70, 176
Decimal	9062064
CIE <sub>Lab</sub>	42.64, 47.13, -45.05
CIE <sub>LCh</sub>	43, 65.198, 316.298
Yxy	12.9182, 0.2701, 0.1702
Android (android.graphics.Color)	4287252144 (0xFF8A46B0)
YUV	102.4160, 36.2769, 31.2072
Hunter-Lab	35.9419, 38.9510, -44.9274

# Details

The Hex color **8A46B0** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6CB046**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **C27AE8**, and **54107B** is the 20% darker color. If you saturate the color by 10%, you get **8434B0**, and if you desaturate by 10%, it is **9058B0**.

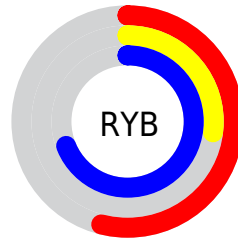
# Distribution



Red (54%)

Green (27%)

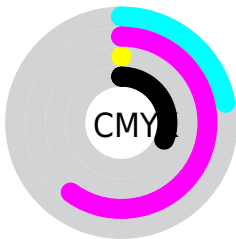
Blue (69%)



Red (54%)

Yellow (27%)

Blue (69%)

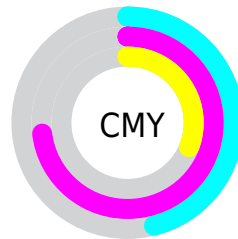


Cyan (22%)

Magenta (60%)

Yellow (0%)

Black (31%)



Cyan (46%)

Magenta (73%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A46B0 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 8A46B0 by changing the saturation by 10% instead.



 8A46B0

 8A46B0

FFFFFF

 6F2C95

 C27AE8

 54107B

 DF94FF

 3A0061

 FCB0FF

 210049

 FFCCFF

 000031

 FFE9FF

 00011B

 000000

 8A46B0

 8A46B0

 8434B0

 9058B0

 7D23B0

 9769B0

 7711B0

 9D7BB0

 7100B0

 A38CB0

 AA9EB0

 B0B0B0

 B6C1B0

 BCD3B0

 C3E4B0

# Harmonies

## Analogous

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



0061CD



8A46B0



B72580

# Triad

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



8A46B0



8F5900



007C82

# Complementary

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



8A46B0



6CB046

# 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.



007A49



8A46B0



5F6B00

# Square

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



8A46B0



B13E15



0C7509



007AB2

# Rectangle

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



8A46B0



C11B5C



0C7509



007C6F



# Sweetspot

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



8A46B0



D7BCE6



466DB0



6A5A73



F2F2F2



737373



# Same Dimension

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



8A46B0



AA40E6



B046A2



565059



620099



10001A



# Inverse Universe

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



B0466C



E6407B



46B054



595054



990037



1A0009



# Previews

## White Background



This preview shows how the Hex color 8A46B0 looks on a white background.

## Color Contrast Check

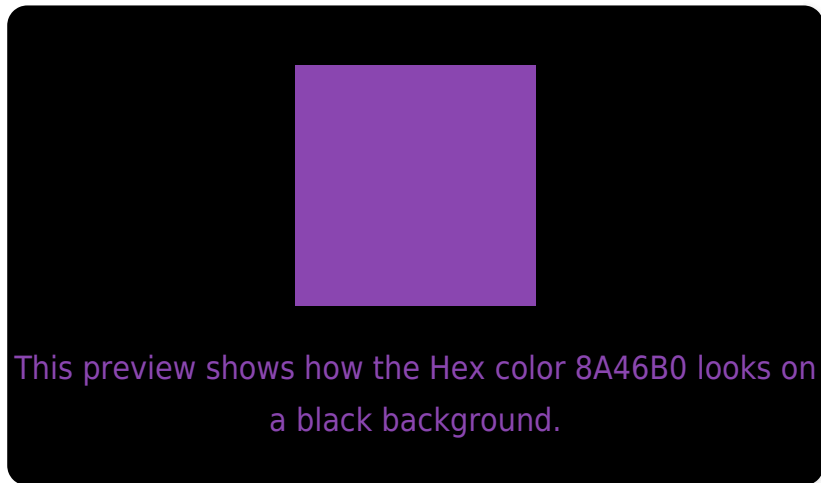
Large Text (above 18pt) WCAG AA ✓ Pass

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

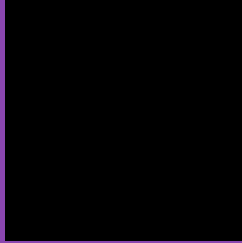
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8A46B0 Background



This preview shows how black text looks on a background with the Hex color 8A46B0.

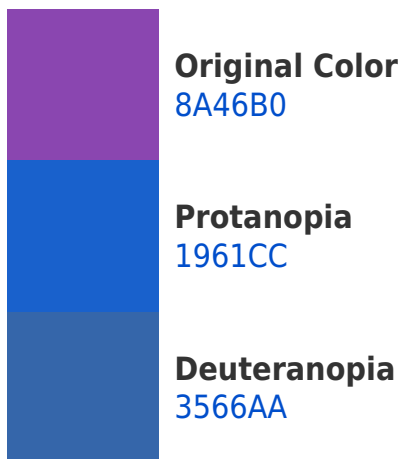


This preview shows how white text looks on a background with the Hex color 8A46B0.

# 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](#).

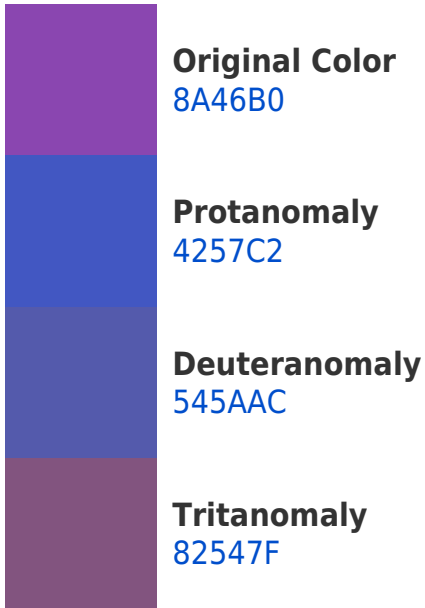
## Dichromacy



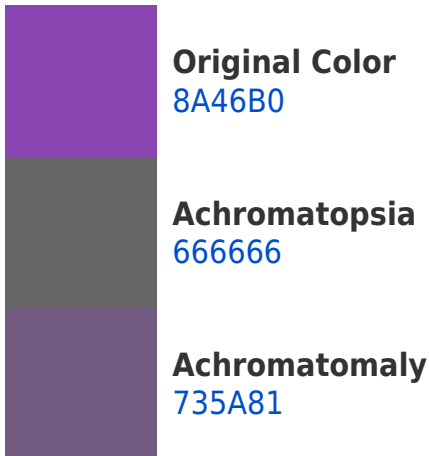


**Tritanopia**  
7E5C63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A46B0 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 #8A46B0 looks like.

```
.text, #text, p{  
    color:#8A46B0  
}
```

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 #8A46B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A46B0
}
```

## Border

The CSS property to change the border of an element to Hex 8A46B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

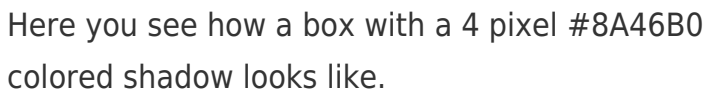
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A46B0 }
```

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

```
.border{ border-color:#8A46B0 }
```

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



Here you see how a box with a 4 pixel #8A46B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A46B0; -webkit-box-shadow:4px 4px  
4px 4px #8A46B0; box-shadow:4px 4px 4px  
4px #8A46B0 }
```

# Background

The CSS property to change the background color of an element to Hex 8A46B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A46B0 }
```

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

```
.background{ background-color:#8A46B0 }
```

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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