

# Converting Colors

Hex(8A40BD)

Have a look what the booklet for  
Hex(8A40BD) contains.

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# Color

**Hex(8A40BD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A40BD
RGB	138, 64, 189
RGB Percent	54%, 25%, 74%
CMY	0.4588, 0.7490, 0.2588
CMYK	0.27, 0.66, 0.00, 0.26
HSL	276°, 49%, 50%
HSV	276°, 66%, 74%
XYZ	21.4999, 12.7442, 49.4708
YIQ	100.3760, 3.9790, 54.5630

# Conversions

## Conversions Part 2

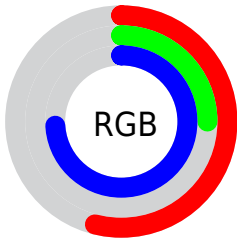
Format	Color
R <sub>YB</sub>	138, 64, 189
Decimal	9060541
CIE <sub>Lab</sub>	42.38, 53.03, -53.11
CIE <sub>LCh</sub>	42, 75.053, 314.960
Yxy	12.7442, 0.2568, 0.1522
Android (android.graphics.Color)	4287250621 (0xFF8A40BD)
YUV	100.3760, 43.6916, 32.9962
Hunter-Lab	35.6990, 45.0294, -57.1733

# Details

The Hex color **8A40BD** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **73BD40**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **C375F6**, and **530287** is the 20% darker color. If you saturate the color by 10%, you get **822DBD**, and if you desaturate by 10%, it is **9253BD**.

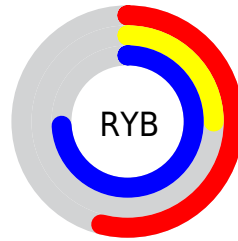
# Distribution



Red (54%)

Green (25%)

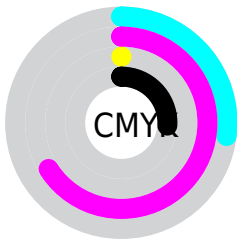
Blue (74%)



Red (54%)

Yellow (25%)

Blue (74%)

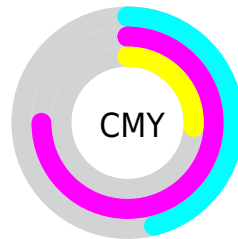


Cyan (27%)

Magenta (66%)

Yellow (0%)

Black (26%)



Cyan (46%)

Magenta (75%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A40BD 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 8A40BD by changing the saturation by 10% instead.



8A40BD

8A40BD

FFFFFF

6E25A1

C375F6

530287

E08FFF

37006D

FEABFF

1C0054

FFC7FF

00003C

FFE4FF

000225

00010D

000000

8A40BD

8A40BD

822DBD

9253BD

7B1ABD

9966BD

7307BD

A179BD

7000BD

A98CBD

B19FBD

B8B1BD

C0C4BD

C8D7BD

CFEABD

# Harmonies

## Analogous

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



0062DE



8A40BD



C00086

# Triad

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



8A40BD



945600



007D83

# Complementary

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



8A40BD



73BD40

# 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.



007B41



8A40BD



5E6B00

# Square

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



8A40BD



BB3105



007600



007CBB

# Rectangle

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



8A40BD



CC005D



007600



007D6D



# Sweetspot

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



8A40BD



E1C4F5



4074BD



6E5D7A



FAFAFA



7A7A7A



# Same Dimension

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



8A40BD



A633F5



BD40B3



5B555E



5E009E



12001F



# Inverse Universe

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



BD4073



F53382



40BD4A



5E5559



9E0041

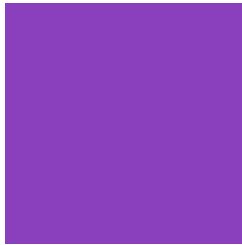


1F000C



# Previews

## White Background



This preview shows how the Hex color 8A40BD looks on a white background.

## Color Contrast Check

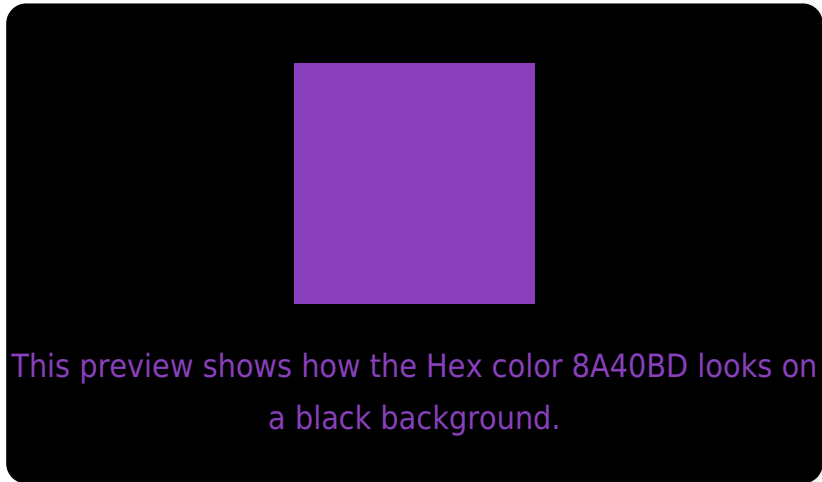
Large Text (above 18pt) WCAG AA ✓ Pass

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

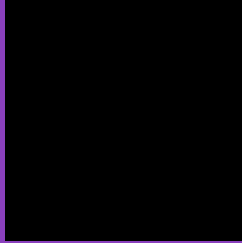
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8A40BD Background



This preview shows how black text looks on a background with the Hex color 8A40BD.

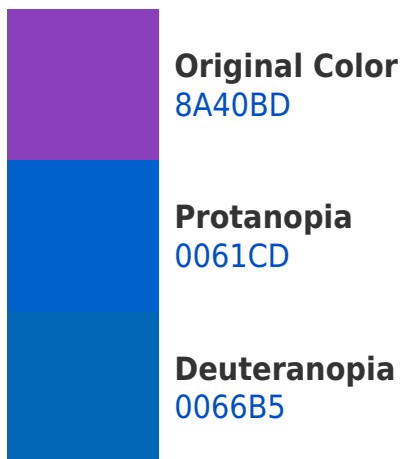


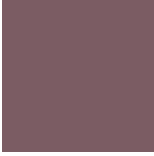
This preview shows how white text looks on a background with the Hex color 8A40BD.

# 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](#).

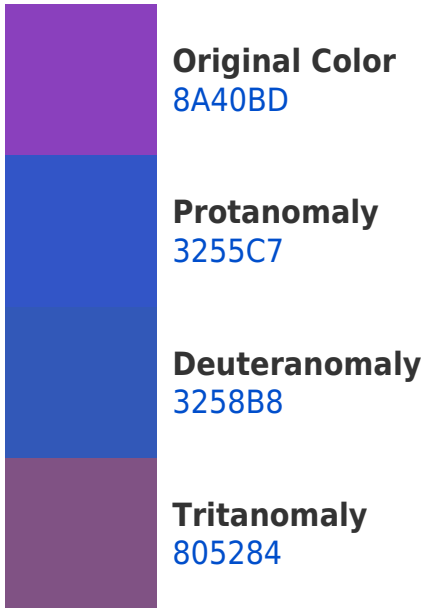
## Dichromacy



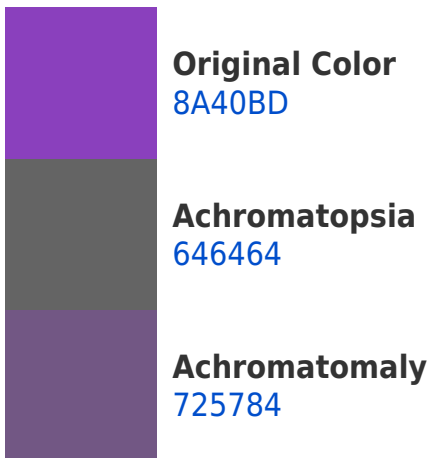


**Tritanopia**  
7B5C63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A40BD 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 #8A40BD looks like.

```
.text, #text, p{  
    color:#8A40BD  
}
```

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 #8A40BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A40BD
}
```

## Border

The CSS property to change the border of an element to Hex 8A40BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

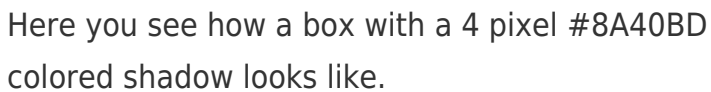
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A40BD }
```

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

```
.border{ border-color:#8A40BD }
```

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



Here you see how a box with a 4 pixel #8A40BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A40BD; -webkit-box-shadow:4px 4px  
4px 4px #8A40BD; box-shadow:4px 4px 4px  
4px #8A40BD }
```

# Background

The CSS property to change the background color of an element to Hex 8A40BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A40BD }
```

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

```
.background{ background-color:#8A40BD }
```

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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