

# Converting Colors

Hex(8A40D3)

Have a look what the booklet for  
Hex(8A40D3) contains.

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# Color

**Hex(8A40D3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A40D3
RGB	138, 64, 211
RGB Percent	54%, 25%, 83%
CMY	0.4588, 0.7490, 0.1725
CMYK	0.35, 0.70, 0.00, 0.17
HSL	270°, 63%, 54%
HSV	270°, 70%, 83%
XYZ	24.0725, 13.7732, 63.0178
YIQ	102.8840, -3.0830, 61.4050

# Conversions

## Conversions Part 2

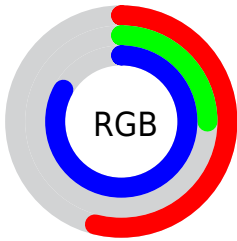
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 64, 211
Decimal	9060563
CIE <sub>Lab</sub>	43.91, 58.13, -63.39
CIE <sub>LCh</sub>	44, 86.007, 312.524
Yxy	13.7732, 0.2387, 0.1366
Android (android.graphics.Color)	4287250643 (0xFF8A40D3)
YUV	102.8840, 53.3012, 30.7967
Hunter-Lab	37.1123, 50.8357, -74.6976

# Details

The Hex color **8A40D3** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **89D340**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **C475FF**, and **50009B** is the 20% darker color. If you saturate the color by 10%, you get **802BD3**, and if you desaturate by 10%, it is **9455D3**.

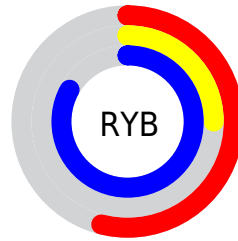
# Distribution



Red (54%)

Green (25%)

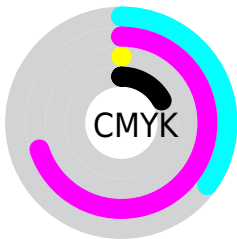
Blue (83%)



Red (54%)

Yellow (25%)

Blue (83%)

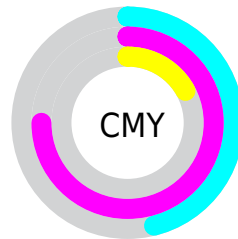


Cyan (35%)

Magenta (70%)

Yellow (0%)

Black (17%)



Cyan (46%)

Magenta (75%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A40D3 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 8A40D3 by changing the saturation by 10% instead.



 8A40D3

 8A40D3

FFFFFF

 6D24B7

 C475FF

 50009B

 E290FF

 320081

 FFACFF


 0C0067

 FFC8FF

 00004E

 FFE5FF

 000536

 00021F

 000003

 000000

■ 8A40D3

■ 8A40D3

■ 802BD3

■ 9455D3

■ 7516D3

■ 9F6AD3

■ 6B01D3

■ A97FD3

■ 6A00D3

■ B494D3

■ BEAAD3

■ C9BFD3

■ D3D4D3

■ DEE9D3

■ E8FED3

# Harmonies

## Analogous

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



0068F6



8A40D3



CD0094

# Triad

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



8A40D3



A05400



008485

# Complementary

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



8A40D3



89D340

# 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.



008139



8A40D3



646E00

# Square

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



8A40D3



CC1F00



007B00



0083C8

# Rectangle

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



8A40D3



DD0065



007B00



00836C



# Sweetspot

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



8A40D3



E4C9FF



408AD3



706080



000000



808080



# Same Dimension

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



8A40D3



9529FF



D340D3



635E69



5500A8



150029



# Inverse Universe

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



D34089



FF2993



40D340



695E63



A80054

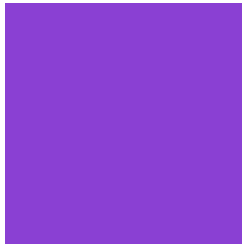


290014



# Previews

## White Background



This preview shows how the Hex color 8A40D3 looks on a white background.

## Color Contrast Check

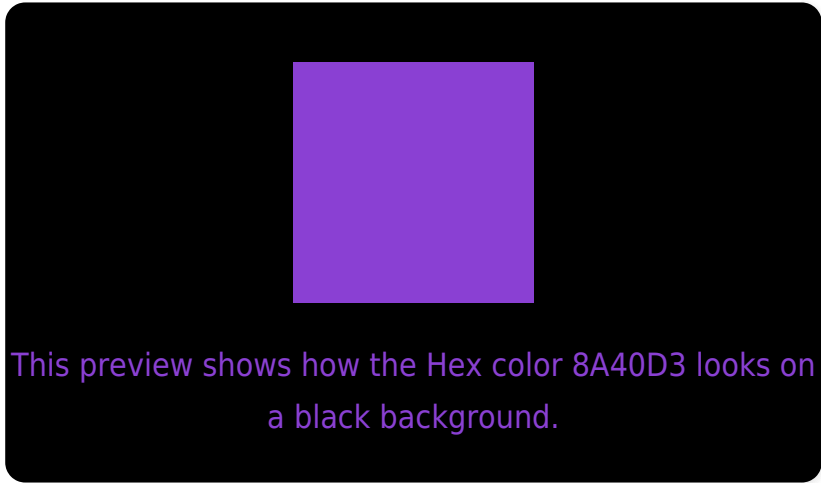
Large Text (above 18pt) WCAG AA ✓ Pass

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

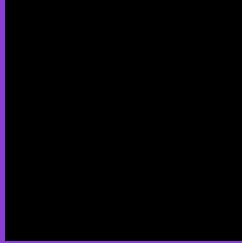
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8A40D3 Background



This preview shows how black text looks on a background with the Hex color 8A40D3.

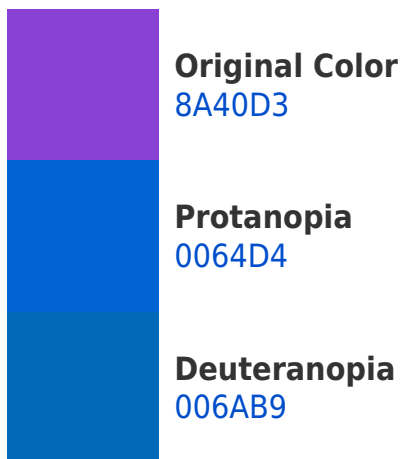



This preview shows how white text looks on a background with the Hex color 8A40D3.

# 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](#).

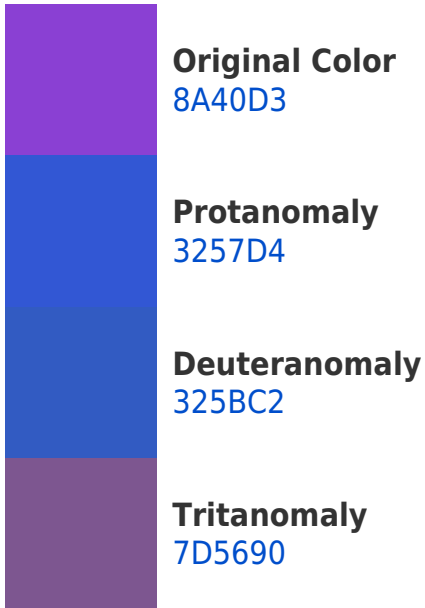
## Dichromacy



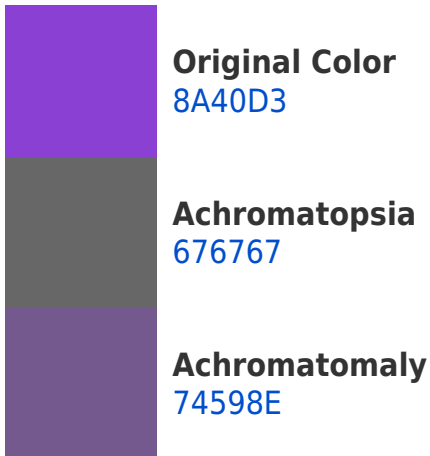


**Tritanopia**  
76636A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A40D3 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 #8A40D3 looks like.

```
.text, #text, p{  
    color:#8A40D3  
}
```

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 #8A40D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A40D3
}
```

## Border

The CSS property to change the border of an element to Hex 8A40D3 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
#8A40D3 }
```

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

```
.border{ border-color:#8A40D3 }
```

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

Here you see how a box with a 4 pixel #8A40D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A40D3; -webkit-box-shadow:4px 4px  
4px 4px #8A40D3; box-shadow:4px 4px 4px  
4px #8A40D3 }
```

# Background

The CSS property to change the background color of an element to Hex 8A40D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A40D3 }
```

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

```
.background{ background-color:#8A40D3 }
```

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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