

# Converting Colors

Hex(8A3D80)

Have a look what the booklet for  
Hex(8A3D80) contains.

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# Color

**Hex(8A3D80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A3D80
RGB	138, 61, 128
RGB Percent	54%, 24%, 50%
CMY	0.4588, 0.7608, 0.4980
CMYK	0.00, 0.56, 0.07, 0.46
HSL	308°, 39%, 39%
HSV	308°, 56%, 54%
XYZ	16.0463, 10.2993, 21.5643
YIQ	91.6610, 24.3850, 37.1610

# Conversions

## Conversions Part 2

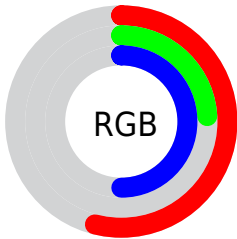
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 61, 128
Decimal	9059712
CIE <sub>Lab</sub>	38.37, 41.97, -22.83
CIE <sub>LCh</sub>	38, 47.779, 331.456
Yxy	10.2993, 0.3349, 0.2150
Android (android.graphics.Color)	4287249792 (0xFF8A3D80)
YUV	91.6610, 17.9151, 40.6393
Hunter-Lab	32.0925, 33.0883, -17.3747

# Details

The Hex color **8A3D80** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3D8A47**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **C170B5**, and **55044F** is the 20% darker color. If you saturate the color by 10%, you get **8A2F7E**, and if you desaturate by 10%, it is **8A4B82**.

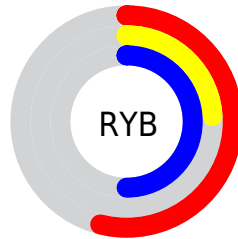
# Distribution



Red (54%)

Green (24%)

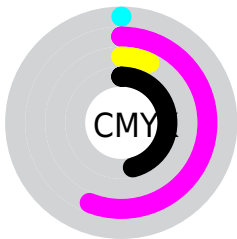
Blue (50%)



Red (54%)

Yellow (24%)

Blue (50%)

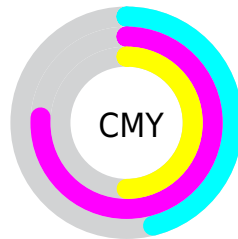


Cyan (0%)

Magenta (56%)

Yellow (7%)

Black (46%)



Cyan (46%)

Magenta (76%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A3D80 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 8A3D80 by changing the saturation by 10% instead.



 8A3D80

 8A3D80

FFFFFF

 6F2367

 C170B5

 55044F

 DE8BD1

 3C0037

 FBA6ED

 270022

 FFC2FF

 000007

 FFDEFF

 000000

 FFFBFF

 8A3D80

 8A3D80

 8A2F7E

 8A4B82

 8A217C

 8A5984

 8A147B

 8A6685

 8A0679

 8A7487

 8A0078

 8A8289

 8A908B

 8A9E8D

 8AAB8E

 8AB990

# Harmonies

## Analogous

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



5C4F9D



8A3D80



9E325A

# Triad

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



8A3D80



6B5900



006C82

# Complementary

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



8A3D80



3D8A47

# 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.



006C5B



8A3D80



44640E

# Square

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



8A3D80



894A12



006A33



00689E

# Rectangle

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



8A3D80



9F3540



006A33



006C76



# Sweetspot

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



8A3D80



B394AF



463D8A



594757



D9D9D9



595959



# Same Dimension

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



8A3D80



B33BA3



8A3D5B



453E44



850073



050004



# Inverse Universe

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



8A3D80



B33BA3



3D8A6C



453E44



850073

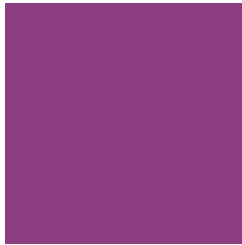


050004



# Previews

## White Background



This preview shows how the Hex color 8A3D80 looks on a white background.

## Color Contrast Check

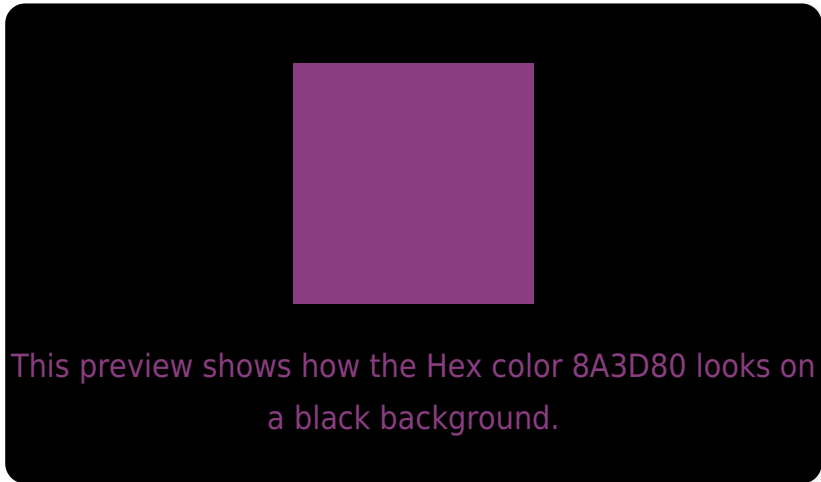
Large Text (above 18pt) WCAG AA ✓ Pass

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

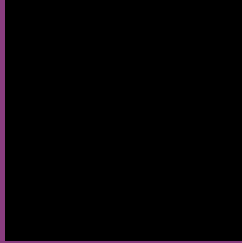
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8A3D80 Background



This preview shows how black text looks on a background with the Hex color 8A3D80.

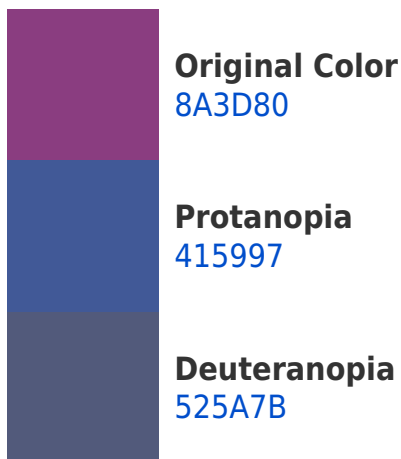



This preview shows how white text looks on a background with the Hex color 8A3D80.

# 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](#).

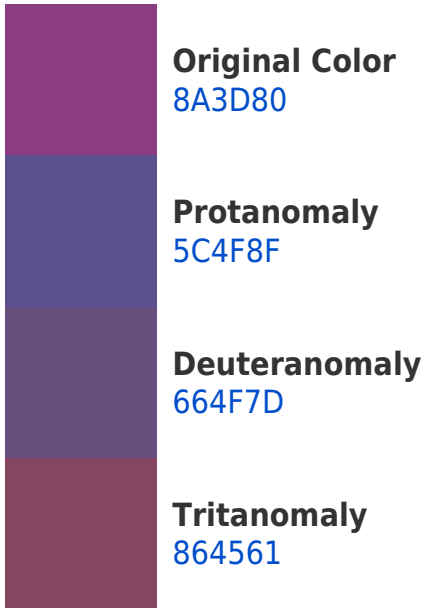
## Dichromacy



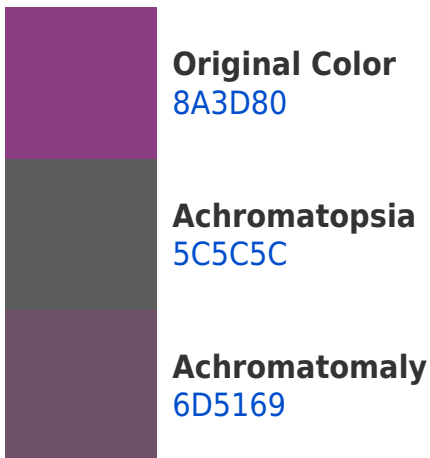


**Tritanopia**  
84494F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A3D80 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 #8A3D80 looks like.

```
.text, #text, p{  
    color:#8A3D80  
}
```

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 #8A3D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A3D80
}
```

## Border

The CSS property to change the border of an element to Hex 8A3D80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

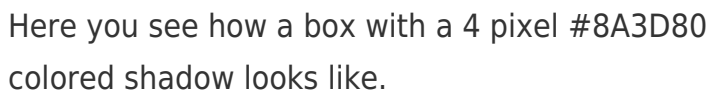
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A3D80 }
```

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

```
.border{ border-color:#8A3D80 }
```

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



Here you see how a box with a 4 pixel #8A3D80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A3D80; -webkit-box-shadow:4px 4px  
4px 4px #8A3D80; box-shadow:4px 4px 4px  
4px #8A3D80 }
```

# Background

The CSS property to change the background color of an element to Hex 8A3D80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A3D80 }
```

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

```
.background{ background-color:#8A3D80 }
```

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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