

# Converting Colors

Hex(8A36A8)

Have a look what the booklet for  
Hex(8A36A8) contains.

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# Color

**Hex(8A36A8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A36A8
RGB	138, 54, 168
RGB Percent	54%, 21%, 66%
CMY	0.4588, 0.7882, 0.3412
CMYK	0.18, 0.68, 0.00, 0.34
HSL	284°, 51%, 44%
HSV	284°, 68%, 66%
XYZ	18.8683, 10.8688, 38.1492
YIQ	92.1120, 13.4700, 53.2620

# Conversions

## Conversions Part 2

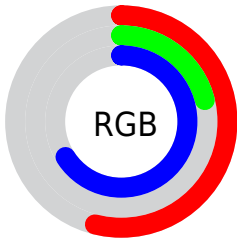
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 54, 168
Decimal	9057960
CIE <sub>Lab</sub>	39.36, 53.06, -45.55
CIE <sub>LCh</sub>	39, 69.931, 319.356
Yxy	10.8688, 0.2779, 0.1601
Android (android.graphics.Color)	4287248040 (0xFF8A36A8)
YUV	92.1120, 37.4128, 40.2438
Hunter-Lab	32.9678, 44.4663, -45.5309

# Details

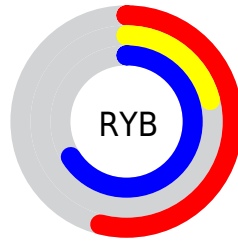
The Hex color **8A36A8** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **54A836**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **C26BE0**, and **540073** is the 20% darker color. If you saturate the color by 10%, you get **8625A8**, and if you desaturate by 10%, it is **8E47A8**.

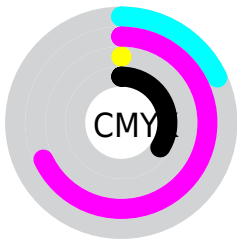
# Distribution



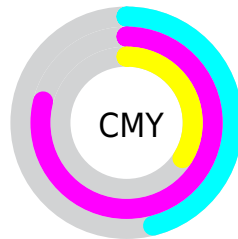
- Red (54%)
- Green (21%)
- Blue (66%)



- Red (54%)
- Yellow (21%)
- Blue (66%)



- Cyan (18%)
- Magenta (68%)
- Yellow (0%)
- Black (34%)



- Cyan (46%)
- Magenta (79%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A36A8 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 8A36A8 by changing the saturation by 10% instead.



 8A36A8

 8A36A8

FFFFFF

 6F198D

 C26BE0

 540073

 DF86FD

 39005A

 FDA1FF

 230042

 FFBDFD

 00002B

 FFDAFF

 000115

 FFF7FF

 000000

 8A36A8

 8A36A8

 8625A8

 8E47A8

8114A8

9358A8

7D04A8

9768A8

7C00A8

9C79A8

A08AA8

A59BA8

A9ACA8

ADBCA8

B2CDA8

# Harmonies

## Analogous

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



0057CA



8A36A8



B50074

# Triad

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



8A36A8



825300



007481

# Complementary

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



8A36A8



54A836

# 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.



007346



8A36A8



4F6500

# Square

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



8A36A8



A83500



006F00



0072B3

# Rectangle

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



8A36A8



BD004E



006F00



00746E



# Sweetspot

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



8A36A8



D0AFDB



3654A8



67536E



EDEDED



6E6E6E



# Same Dimension

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



8A36A8



AD2ADB



A8368D



524C54



6D0094



0F0014



# Inverse Universe

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



A83654



DB2A58



36A851



544C4E



940027



140005



# Previews

## White Background



This preview shows how the Hex color 8A36A8 looks on a white background.

## Color Contrast Check

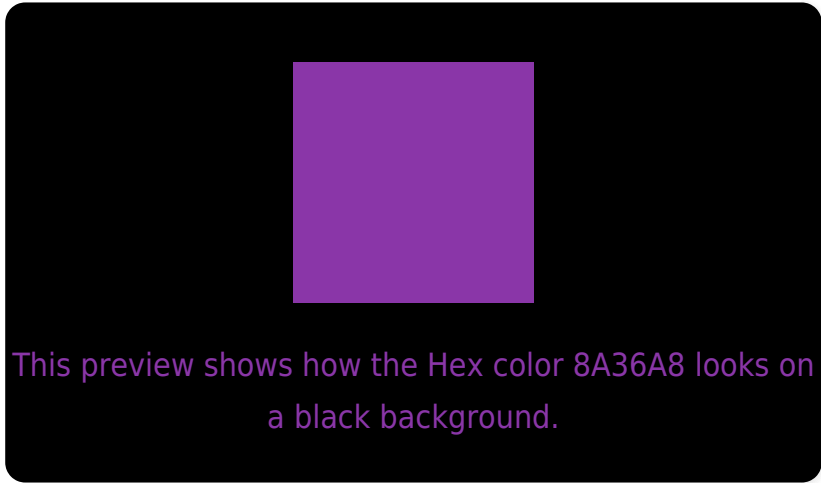
Large Text (above 18pt) WCAG AA ✓ Pass

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

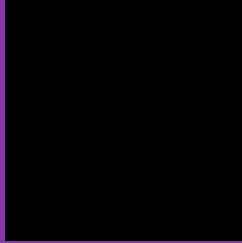
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8A36A8 Background



This preview shows how black text looks on a background with the Hex color 8A36A8.

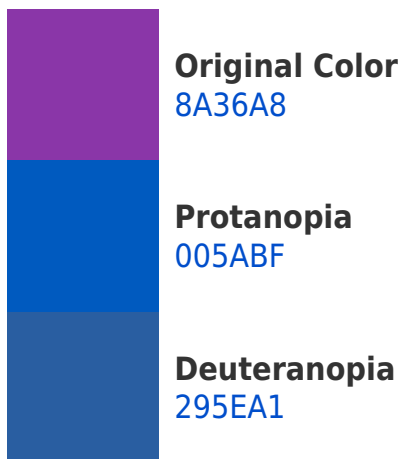


This preview shows how white text looks on a background with the Hex color 8A36A8.

# 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](#).

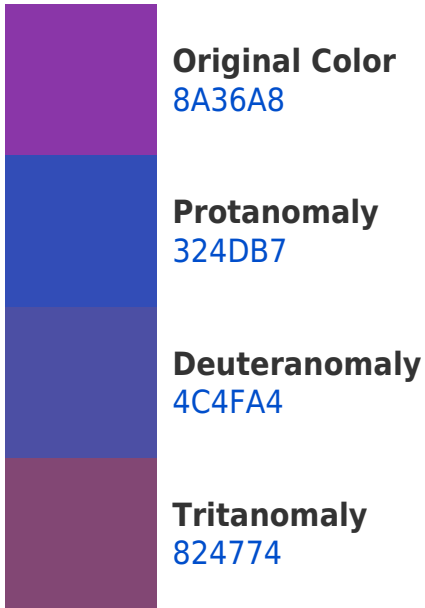
## Dichromacy



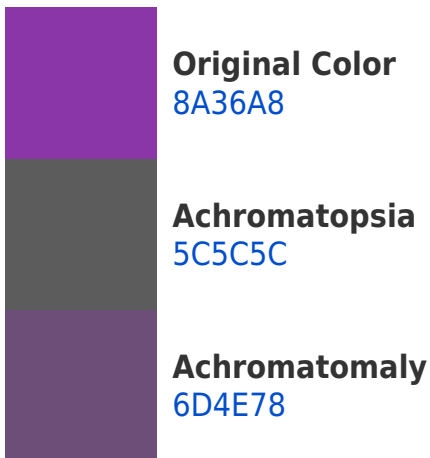


**Tritanopia**  
7E5056

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A36A8 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 #8A36A8 looks like.

```
.text, #text, p{  
    color:#8A36A8  
}
```

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 #8A36A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A36A8
}
```

## Border

The CSS property to change the border of an element to Hex 8A36A8 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
#8A36A8 }
```

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

```
.border{ border-color:#8A36A8 }
```

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

Here you see how a box with a 4 pixel #8A36A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A36A8; -webkit-box-shadow:4px 4px  
4px 4px #8A36A8; box-shadow:4px 4px 4px  
4px #8A36A8 }
```

# Background

The CSS property to change the background color of an element to Hex 8A36A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A36A8 }
```

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

```
.background{ background-color:#8A36A8 }
```

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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