

# Converting Colors

Hex(8F3D8A)

Have a look what the booklet for  
Hex(8F3D8A) contains.

<b>Hex(8F3D8A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(8F3D8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8F3D8A
RGB	143, 61, 138
RGB Percent	56%, 24%, 54%
CMY	0.4392, 0.7608, 0.4588
CMYK	0.00, 0.57, 0.03, 0.44
HSL	304°, 40%, 40%
HSV	304°, 57%, 56%
XYZ	17.5839, 11.0121, 25.2435
YIQ	94.2960, 24.1550, 41.3310

# Conversions

## Conversions Part 2

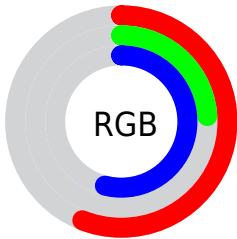
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 61, 138
Decimal	9387402
CIE <sub>Lab</sub>	39.60, 45.24, -27.00
CIE <sub>LCh</sub>	40, 52.688, 329.171
Yxy	11.0121, 0.3266, 0.2045
Android (android.graphics.Color)	4287577482 (0xFF8F3D8A)
YUV	94.2960, 21.5461, 42.7134
Hunter-Lab	33.1845, 36.5112, -21.8729

# Details

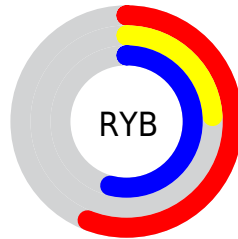
The Hex color **8F3D8A** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3D8F42**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **C771C0**, and **5A0158** is the 20% darker color. If you saturate the color by 10%, you get **8F2F89**, and if you desaturate by 10%, it is **8F4B8B**.

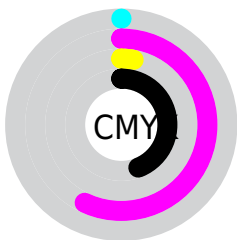
# Distribution



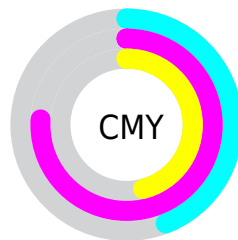
- Red (56%)
- Green (24%)
- Blue (54%)



- Red (56%)
- Yellow (24%)
- Blue (54%)



- Cyan (0%)
- Magenta (57%)
- Yellow (3%)
- Black (44%)



- Cyan (44%)
- Magenta (76%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F3D8A 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 8F3D8A by changing the saturation by 10% instead.



 8F3D8A

 8F3D8A

FFFFFF

 742370

 C771C0

 5A0158

 E48CDC

 400040

 FFA7F8

 2B002A

 FFC3FF

 000113

 FFDFFF

 000000

 FFFCFF

 8F3D8A

 8F3D8A

 8F2F89

 8F4B8B

8F2088

8F5A8C

8F1287

8F688D

8F0487

8F768D

8F0086

8F858E

8F938F

8FA190

8FAF91

8FBE92

# Harmonies

## Analogous

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



5852A9



8F3D8A



A72E60

# Triad

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



8F3D8A



725B00



007086

# Complementary

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



8F3D8A



3D8F42

# 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.



00705B



8F3D8A



476700

# Square

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



8F3D8A



924A0E



006D2E



006DA7

# Rectangle

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



8F3D8A



A93144



006D2E



007178



# Sweetspot

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



8F3D8A



BA9BB8



413D8F



5E4B5D



DEDEDE



5E5E5E



# Same Dimension

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



8F3D8A



BA3AB2



8F3D62



474047



87007F



080007



# Inverse Universe

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



8F3D8A



BA3AB2



3D8F6A



474047



87007F



080007



# Previews

## White Background



This preview shows how the Hex color 8F3D8A looks on a white background.

## Color Contrast Check

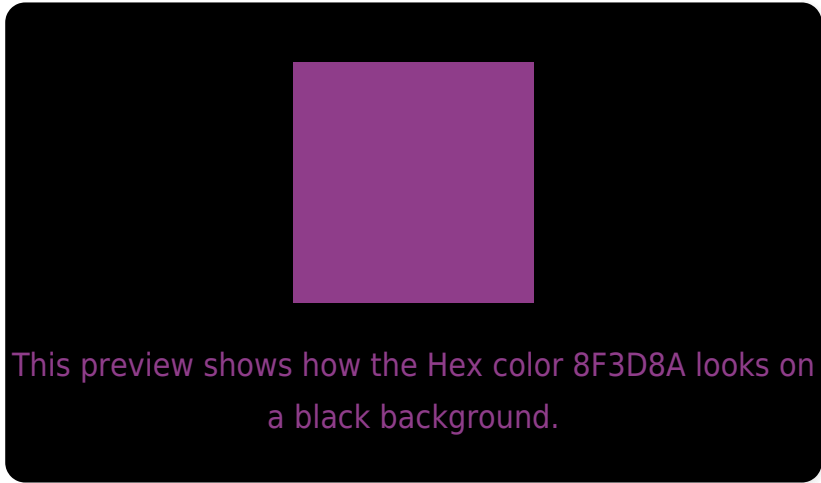
Large Text (above 18pt) WCAG AA ✓ Pass

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 8F3D8A Background



This preview shows how black text looks on a background with the Hex color 8F3D8A.

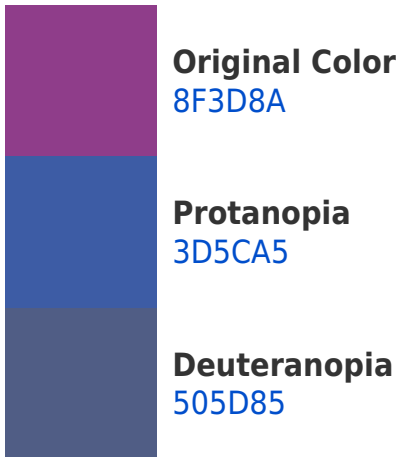


This preview shows how white text looks on a background with the Hex color 8F3D8A.

# 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**  
884C51

# Trichromacy



**Original Color**  
8F3D8A

**Protanomaly**  
5B519B

**Deuteranomaly**  
675187

**Tritanomaly**  
8B4766

# Monochromacy



**Original Color**  
8F3D8A

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
70526E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F3D8A 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 #8F3D8A looks like.

```
.text, #text, p{  
    color:#8F3D8A  
}
```

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 #8F3D8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F3D8A
}
```

## Border

The CSS property to change the border of an element to Hex 8F3D8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

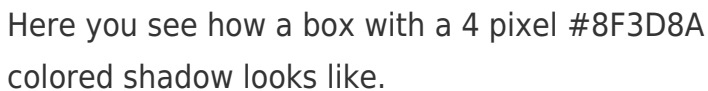
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8F3D8A }
```

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

```
.border{ border-color:#8F3D8A }
```

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



Here you see how a box with a 4 pixel #8F3D8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F3D8A; -webkit-box-shadow:4px 4px  
4px 4px #8F3D8A; box-shadow:4px 4px 4px  
4px #8F3D8A }
```

# Background

The CSS property to change the background color of an element to Hex 8F3D8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F3D8A }
```

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

```
.background{ background-color:#8F3D8A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor