

# Converting Colors

Hex(8C3F8C)

Have a look what the booklet for  
Hex(8C3F8C) contains.

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# Color

Hex(8C3F8C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C3F8C
RGB	140, 63, 140
RGB Percent	55%, 25%, 55%
CMY	0.4510, 0.7529, 0.4510
CMYK	0.00, 0.55, 0.00, 0.45
HSL	300°, 38%, 40%
HSV	300°, 55%, 55%
XYZ	17.3263, 11.0239, 26.0256
YIQ	94.8010, 21.1750, 40.2710

# Conversions

## Conversions Part 2

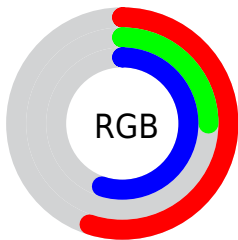
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 63, 140
Decimal	9191308
CIE <sub>Lab</sub>	39.62, 43.76, -28.22
CIE <sub>LCh</sub>	40, 52.071, 327.180
Yxy	11.0239, 0.3186, 0.2027
Android (android.graphics.Color)	4287381388 (0xFF8C3F8C)
YUV	94.8010, 22.2831, 39.6395
Hunter-Lab	33.2023, 35.0448, -23.2328

# Details

The Hex color **8C3F8C** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3F8C3F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **C373C2**, and **570659** is the 20% darker color. If you saturate the color by 10%, you get **8C318C**, and if you desaturate by 10%, it is **8C4D8C**.

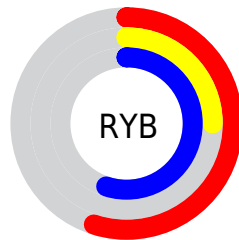
# Distribution



Red (55%)

Green (25%)

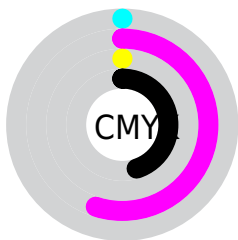
Blue (55%)



Red (55%)

Yellow (25%)

Blue (55%)

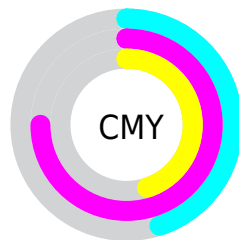


Cyan (0%)

Magenta (55%)

Yellow (0%)

Black (45%)



Cyan (45%)

Magenta (75%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C3F8C 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 8C3F8C by changing the saturation by 10% instead.



 8C3F8C

 8C3F8C

FFFFFF

 712572

 C373C2

 570659

 E08DDE

 3E0042

 FDA8FB

 29002C

 FFC4FF

 000115

 FFE1FF

 000000

FFFEFF

 8C3F8C

 8C3F8C

 8C318C

 8C4D8C

 8C238C

 8C5B8C

 8C158C

 8C698C

 8C078C

 8C778C

 8C008C

 8C858C

 8C938C

 8CA18C

 8CAF8C

 8CBD8C

# Harmonies

## Analogous

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



5354A9



8C3F8C



A53063

# Triad

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



8C3F8C



745A00



007083

# Complementary

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



8C3F8C



3F8C3F

# 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.



007058



8C3F8C



4B6600

# Square

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



8C3F8C



944912



006D2C



006DA4

# Rectangle

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



8C3F8C



A83147



006D2C



007175



# Sweetspot

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



8C3F8C



B596B5



3F3F8C



5C495C



DBDBDB



5C5C5C



# Same Dimension

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



8C3F8C



B53EB5



8C3F66



453E45



850085



050005



# Inverse Universe

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



8C3F8C



B53EB5



3F8C66



453E45



850085

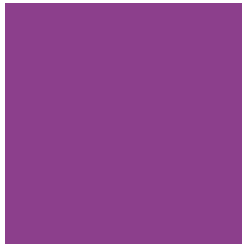


050005



# Previews

## White Background



This preview shows how the Hex color 8C3F8C looks on a white background.

## Color Contrast Check

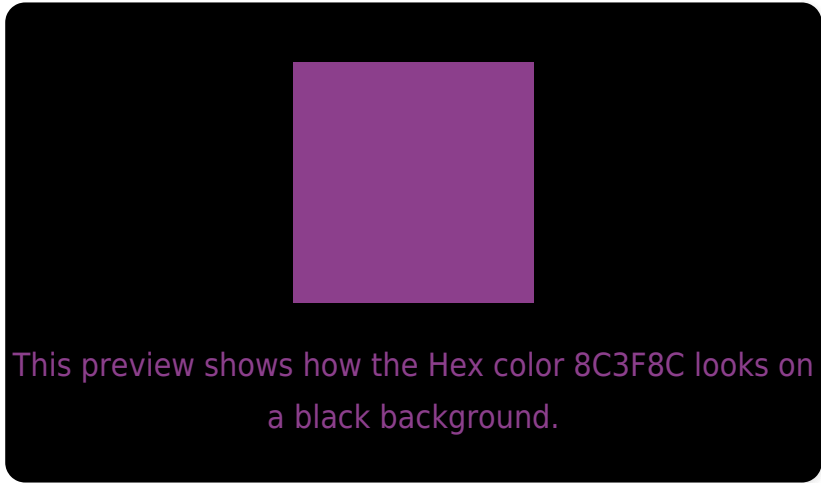
Large Text (above 18pt) WCAG AA ✓ Pass

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

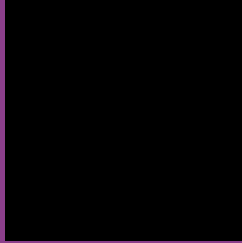
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C3F8C Background



This preview shows how black text looks on a background with the Hex color 8C3F8C.

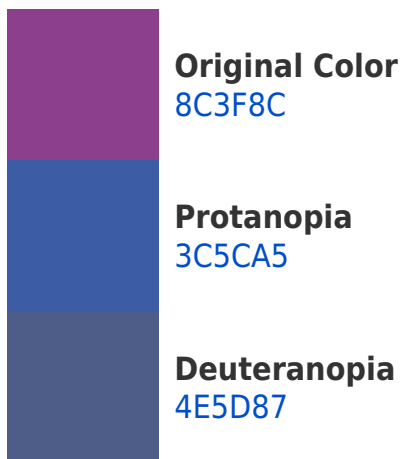



This preview shows how white text looks on a background with the Hex color 8C3F8C.

# 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**  
854E53

# Trichromacy



**Original Color**  
8C3F8C



**Protanomaly**  
59519C



**Deuteranomaly**  
655289



**Tritanomaly**  
884968

# Monochromacy



**Original Color**  
8C3F8C



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
6F536F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C3F8C 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 #8C3F8C looks like.

```
.text, #text, p{  
    color:#8C3F8C  
}
```

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 #8C3F8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C3F8C
}
```

## Border

The CSS property to change the border of an element to Hex 8C3F8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

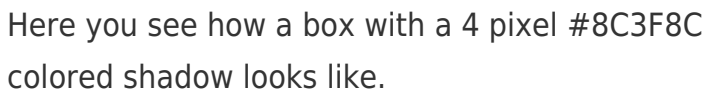
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C3F8C }
```

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

```
.border{ border-color:#8C3F8C }
```

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



Here you see how a box with a 4 pixel #8C3F8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C3F8C; -webkit-box-shadow:4px 4px  
4px 4px #8C3F8C; box-shadow:4px 4px 4px  
4px #8C3F8C }
```

# Background

The CSS property to change the background color of an element to Hex 8C3F8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C3F8C }
```

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

```
.background{ background-color:#8C3F8C }
```

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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