

# Converting Colors

Hex(8C5FA3)

Have a look what the booklet for  
Hex(8C5FA3) contains.

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# Color

**Hex(8C5FA3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C5FA3
RGB	140, 95, 163
RGB Percent	55%, 37%, 64%
CMY	0.4510, 0.6275, 0.3608
CMYK	0.14, 0.42, 0.00, 0.36
HSL	280°, 27%, 51%
HSV	280°, 42%, 64%
XYZ	21.5183, 16.4042, 36.6825
YIQ	116.2070, 4.9920, 30.6880

# Conversions

## Conversions Part 2

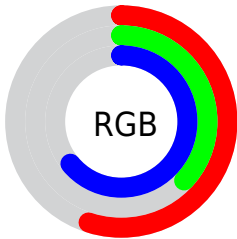
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 95, 163
Decimal	9199523
CIE <sub>Lab</sub>	47.50, 31.03, -29.68
CIE <sub>LCh</sub>	48, 42.940, 316.272
Yxy	16.4042, 0.2884, 0.2199
Android (android.graphics.Color)	4287389603 (0xFF8C5FA3)
YUV	116.2070, 23.0689, 20.8665
Hunter-Lab	40.5021, 23.9562, -25.3471

# Details

The Hex color **8C5FA3** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **76A35F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **C392DA**, and **582F6F** is the 20% darker color. If you saturate the color by 10%, you get **864FA3**, and if you desaturate by 10%, it is **926FA3**.

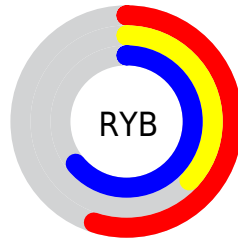
# Distribution



Red (55%)

Green (37%)

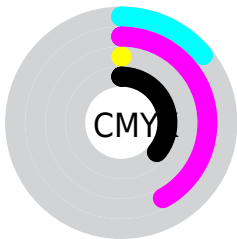
Blue (64%)



Red (55%)

Yellow (37%)

Blue (64%)

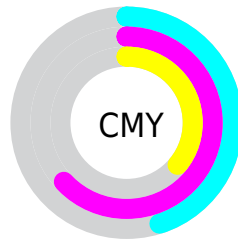


Cyan (14%)

Magenta (42%)

Yellow (0%)

Black (36%)



Cyan (45%)

Magenta (63%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C5FA3 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 8C5FA3 by changing the saturation by 10% instead.



8C5FA3

8C5FA3

FFFFFF

724789

C392DA

582F6F

DFADF7

401856

FCC9FF

28023F

FFE5FF

120028

000112

000000

8C5FA3

8C5FA3

864FA3

926FA3

813EA3

9780A3

7B2EA3

9D90A3

761EA3

A2A0A3

700EA3

A8B0A3

6C00A3

ADC1A3

B3D1A3

B8E1A3

BEF2A3

# Harmonies

## Analogous

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



556EB6



8C5FA3



AB5383

# Triad

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



8C5FA3



936928



008384

# Complementary

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



8C5FA3



76A35F

# 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.



00815E



8C5FA3



727527

# Square

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



8C5FA3



AA5B3E



487D3C



0080A4

# Rectangle

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



8C5FA3



B3506A



487D3C



008377



# Sweetspot

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



8C5FA3



CAB8D4



5F77A3



655A6B



EBEBEB



6B6B6B



# Same Dimension

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



8C5FA3



B06AD4



A35F99



4F4952



600091



0C0012



# Inverse Universe

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



A35F76



D46A8E



5FA369



52494C



910031

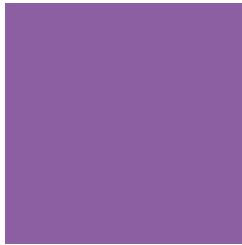


120006



# Previews

## White Background



This preview shows how the Hex color 8C5FA3 looks on a white background.

## Color Contrast Check

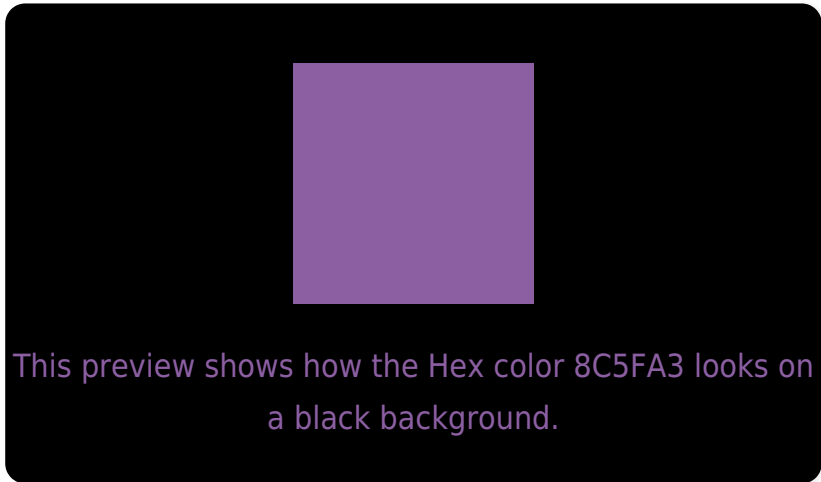
Large Text (above 18pt) WCAG AA ✓ Pass

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

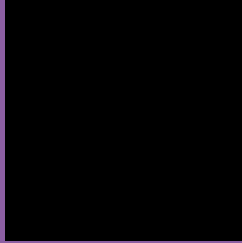
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C5FA3 Background



This preview shows how black text looks on a background with the Hex color 8C5FA3.

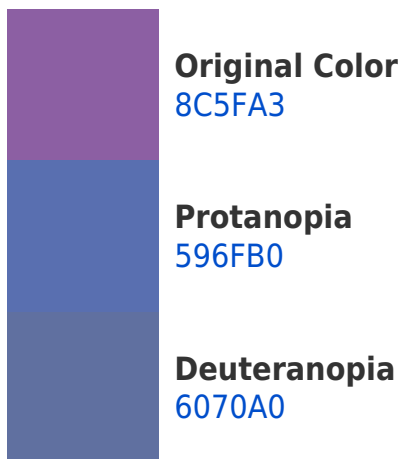


This preview shows how white text looks on a background with the Hex color 8C5FA3.

# 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](#).

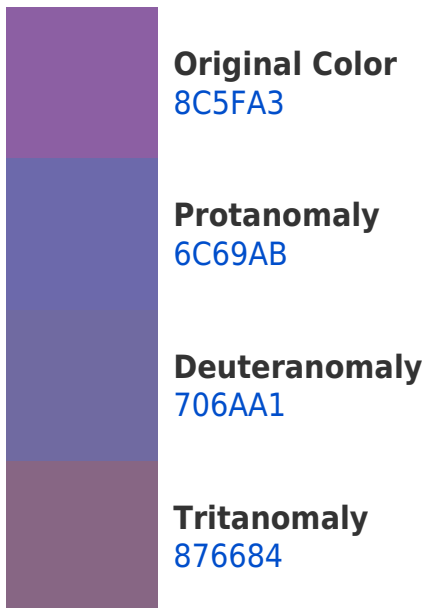
## Dichromacy



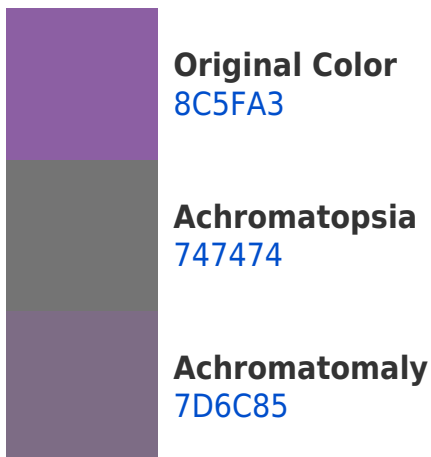


**Tritanopia**  
846A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C5FA3 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 #8C5FA3 looks like.

```
.text, #text, p{  
    color:#8C5FA3  
}
```

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 #8C5FA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C5FA3
}
```

## Border

The CSS property to change the border of an element to Hex 8C5FA3 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
#8C5FA3 }
```

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

```
.border{ border-color:#8C5FA3 }
```

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

Here you see how a box with a 4 pixel #8C5FA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C5FA3; -webkit-box-shadow:4px 4px  
4px 4px #8C5FA3; box-shadow:4px 4px 4px  
4px #8C5FA3 }
```

# Background

The CSS property to change the background color of an element to Hex 8C5FA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C5FA3 }
```

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

```
.background{ background-color:#8C5FA3 }
```

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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