

# Converting Colors

Hex(5A3B8E)

Have a look what the booklet for  
Hex(5A3B8E) contains.

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# Color

**Hex(5A3B8E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A3B8E
RGB	90, 59, 142
RGB Percent	35%, 23%, 56%
CMY	0.6471, 0.7686, 0.4431
CMYK	0.37, 0.58, 0.00, 0.44
HSL	262°, 41%, 39%
HSV	262°, 58%, 56%
XYZ	10.6629, 7.2546, 26.4295
YIQ	77.7310, -8.1670, 32.3850

# Conversions

## Conversions Part 2

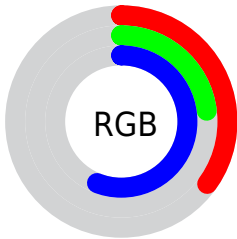
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 59, 142
Decimal	5913486
CIE <sub>Lab</sub>	32.38, 32.61, -41.35
CIE <sub>LCh</sub>	32, 52.661, 308.267
Yxy	7.2546, 0.2404, 0.1636
Android (android.graphics.Color)	4284103566 (0xFF5A3B8E)
YUV	77.7310, 31.6846, 10.7599
Hunter-Lab	26.9343, 23.5304, -39.3246

# Details

The Hex color **5A3B8E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6F8E3B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **8F6CC4**, and **260E5B** is the 20% darker color. If you saturate the color by 10%, you get **512D8E**, and if you desaturate by 10%, it is **63498E**.

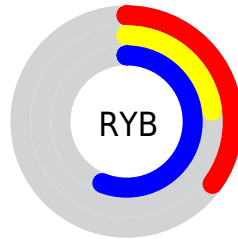
# Distribution



Red (35%)

Green (23%)

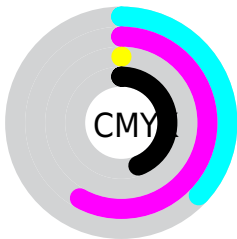
Blue (56%)



Red (35%)

Yellow (23%)

Blue (56%)

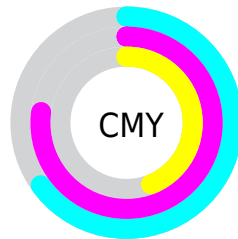


Cyan (37%)

Magenta (58%)

Yellow (0%)

Black (44%)



Cyan (65%)

Magenta (77%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A3B8E 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 5A3B8E by changing the saturation by 10% instead.



■ 5A3B8E

■ 5A3B8E

FFFFFF

■ 402474

■ 8F6CC4

■ 260E5B

■ AB85E1

■ 0D0043

■ C7A0FD

■ 00032C

■ E3BBFF

■ 000116

■ FFD7FF

■ 000000

■ FFF3FF

■ 5A3B8E

■ 5A3B8E

■ 512D8E

■ 63498E

■ 481F8E

■ 6C578E

■ 3F108E

■ 75668E

■ 36028E

■ 7E748E

■ 35008E

■ 86828E

■ 8F908E

■ 989E8E

■ A1AD8E

■ AABB8E

# Harmonies

## Analogous

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



004E9F



5A3B8E



85236C

# Triad

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



5A3B8E



753E00



005E57

# Complementary

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



5A3B8E



6F8E3B

# 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.



005C2B



5A3B8E



534E00

# Square

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



5A3B8E



8C291B



245700



005D7F

# Rectangle

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



5A3B8E



921750



245700



005E48



# Sweetspot

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



5A3B8E



A397B8



3B708E



4F485C



DBDBDB



5C5C5C



# Same Dimension

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



5A3B8E



6737B8



833B8E



434047



320087



030008



# Inverse Universe

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



8E3B6F



B83788



468E3B



474045



870055

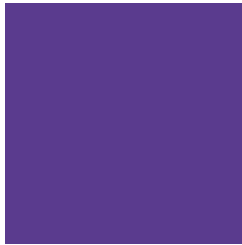


080005



# Previews

## White Background



This preview shows how the Hex color 5A3B8E looks on a white background.

## Color Contrast Check

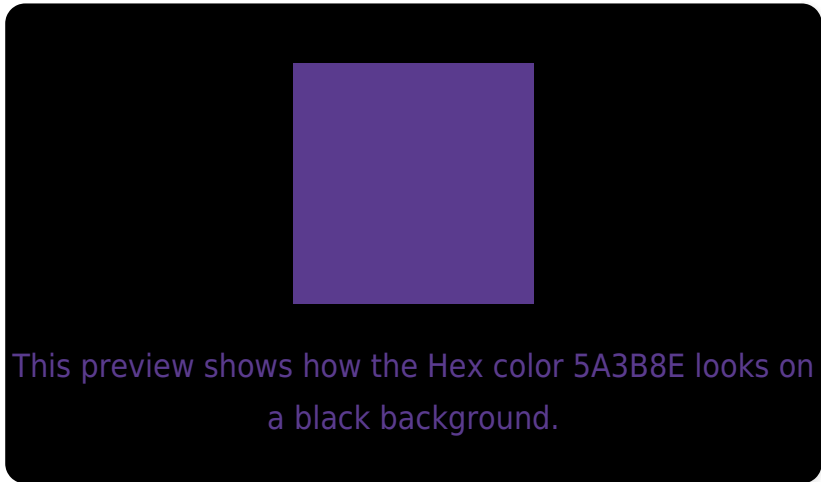
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

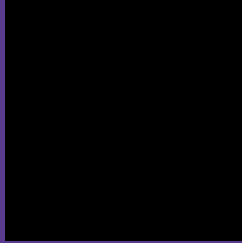
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A3B8E Background



This preview shows how black text looks on a background with the Hex color 5A3B8E.

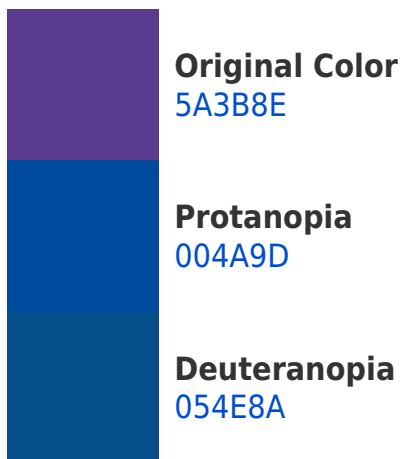


This preview shows how white text looks on a background with the Hex color 5A3B8E.

# 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**  
4D4B51

# Trichromacy



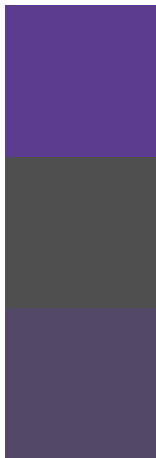
**Original Color**  
5A3B8E

**Protanomaly**  
214598

**Deuteranomaly**  
24478B

**Tritanomaly**  
524567

# Monochromacy



**Original Color**  
5A3B8E

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
524765

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A3B8E 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 #5A3B8E looks like.

```
.text, #text, p{  
    color:#5A3B8E  
}
```

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 #5A3B8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3B8E
}
```

## Border

The CSS property to change the border of an element to Hex 5A3B8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

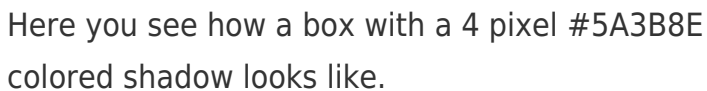
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A3B8E }
```

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

```
.border{ border-color:#5A3B8E }
```

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



Here you see how a box with a 4 pixel #5A3B8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3B8E; -webkit-box-shadow:4px 4px  
4px 4px #5A3B8E; box-shadow:4px 4px 4px  
4px #5A3B8E }
```

# Background

The CSS property to change the background color of an element to Hex 5A3B8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3B8E }
```

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

```
.background{ background-color:#5A3B8E }
```

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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