

Converting Colors

Hex(5F3B8B)

Have a look what the booklet for
Hex(5F3B8B) contains.

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Color

Hex(5F3B8B)

Conversions

Conversions Part 1

Format	Color
Hex	5F3B8B
RGB	95, 59, 139
RGB Percent	37%, 23%, 55%
CMY	0.6275, 0.7686, 0.4549
CMYK	0.32, 0.58, 0.00, 0.45
HSL	267°, 40%, 39%
HSV	267°, 58%, 55%
XYZ	10.9435, 7.4249, 25.2825
YIQ	78.8840, -4.2240, 32.5120

Conversions

Conversions Part 2

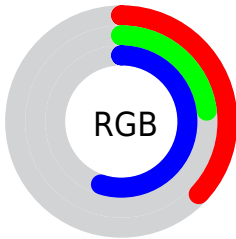
Format	Color
R_{YB}	95, 59, 139
Decimal	6241163
CIE _{Lab}	32.76, 33.09, -38.87
CIE _{LCh}	33, 51.046, 310.412
Yxy	7.4249, 0.2507, 0.1701
Android (android.graphics.Color)	4284431243 (0xFF5F3B8B)
YUV	78.8840, 29.6372, 14.1337
Hunter-Lab	27.2487, 24.0031, -35.9377

Details

The Hex color **5F3B8B** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **678B3B**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **946CC1**, and **2C0D58** is the 20% darker color. If you saturate the color by 10%, you get **572D8B**, and if you desaturate by 10%, it is **67498B**.

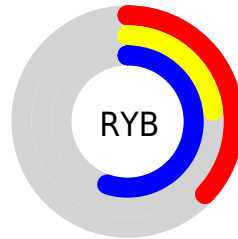
Distribution



Red (37%)

Green (23%)

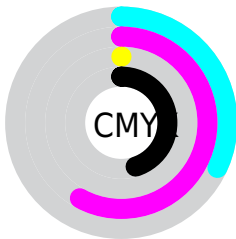
Blue (55%)



Red (37%)

Yellow (23%)

Blue (55%)

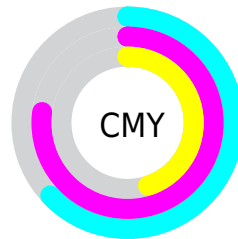


Cyan (32%)

Magenta (58%)

Yellow (0%)

Black (45%)



Cyan (63%)

Magenta (77%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F3B8B 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 5F3B8B by changing the saturation by 10% instead.

 5F3B8B

 5F3B8B

FFFFFF

 452471

 946CC1

 2C0D58

 B085DD

 150040

 CCA0FA

 000129

 E8BBFF

 000113

 FFD7FF

 000000

 FFF4FF

 5F3B8B

 5F3B8B

 572D8B

 67498B

■ 501F8B

■ 6E578B

■ 48118B

■ 76658B

■ 40038B

■ 7E738B

■ 3F008B

■ 85818B

■ 8D8E8B

■ 959C8B

■ 9CAA8B

■ A4B88B

Harmonies

Analogous

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



004D9D



5F3B8B



862569

Triad

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



5F3B8B



734100



005F5A

Complementary

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



5F3B8B



678B3B

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.



005D30



5F3B8B



525000

Square

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



5F3B8B



8B2D1A



225902



005E81

Rectangle

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



5F3B8B



911C4E



225902



005E4C

Sweetspot

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



5F3B8B



A496B5



3B678B



52495C



DBDBDB



5C5C5C

Same Dimension

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



5F3B8B



7038B5



873B8B



413E45



3C0085



020005

Inverse Universe

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



8B3B67



B5387D



3F8B3B



453E42



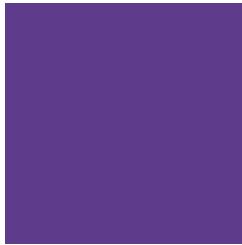
850049



050003

Previews

White Background



This preview shows how the Hex color 5F3B8B looks on a white background.

Color Contrast Check

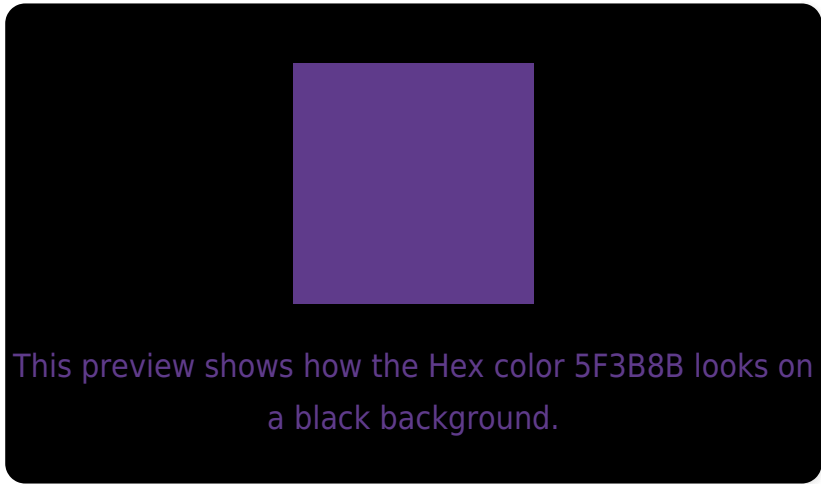
Large Text (above 18pt) WCAG AA ✓ Pass

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

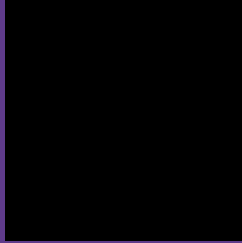
Any Text WCAG AA × Fail

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 5F3B8B Background



This preview shows how black text looks on a background with the Hex color 5F3B8B.

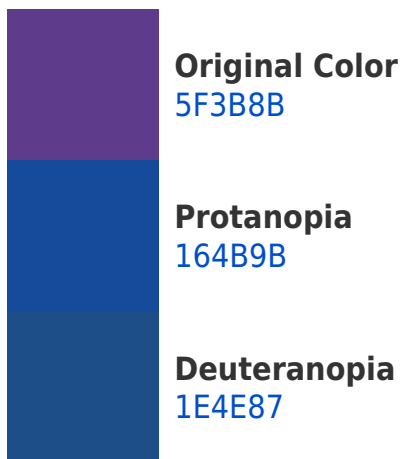


This preview shows how white text looks on a background with the Hex color 5F3B8B.

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
544B51

Trichromacy



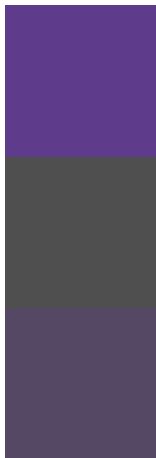
Original Color
5F3B8B

Protanomaly
314595

Deuteranomaly
364788

Tritanomaly
584566

Monochromacy



Original Color
5F3B8B

Achromatopsia
4F4F4F

Achromatomaly
554865

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F3B8B 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 #5F3B8B looks like.

```
.text, #text, p{  
    color:#5F3B8B  
}
```

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 #5F3B8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F3B8B
}
```

Border

The CSS property to change the border of an element to Hex 5F3B8B 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
#5F3B8B }
```

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

```
.border{ border-color:#5F3B8B }
```

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

Here you see how a box with a 4 pixel #5F3B8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F3B8B; -webkit-box-shadow:4px 4px  
4px 4px #5F3B8B; box-shadow:4px 4px 4px  
4px #5F3B8B }
```

Background

The CSS property to change the background color of an element to Hex 5F3B8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F3B8B }
```

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

```
.background{ background-color:#5F3B8B }
```

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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