

Converting Colors

Hex(5F318B)

Have a look what the booklet for
Hex(5F318B) contains.

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Color

Hex(5F318B)

Conversions

Conversions Part 1

Format	Color
Hex	5F318B
RGB	95, 49, 139
RGB Percent	37%, 19%, 55%
CMY	0.6275, 0.8078, 0.4549
CMYK	0.32, 0.65, 0.00, 0.45
HSL	271°, 48%, 37%
HSV	271°, 65%, 55%
XYZ	10.4778, 6.4936, 25.1272
YIQ	73.0140, -1.4740, 37.7420

Conversions

Conversions Part 2

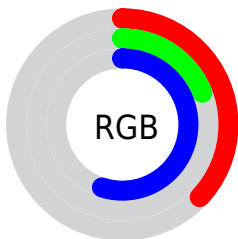
Format	Color
R_{YB}	95, 49, 139
Decimal	6238603
CIE _{Lab}	30.63, 38.77, -42.29
CIE _{LCh}	31, 57.373, 312.518
Yxy	6.4936, 0.2489, 0.1542
Android (android.graphics.Color)	4284428683 (0xFF5F318B)
YUV	73.0140, 32.5311, 19.2817
Hunter-Lab	25.4825, 28.8006, -40.6255

Details

The Hex color **5F318B** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5D8B31**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **9562C1**, and **2B0058** is the 20% darker color. If you saturate the color by 10%, you get **58238B**, and if you desaturate by 10%, it is **663F8B**.

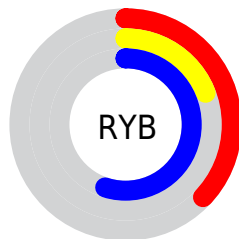
Distribution



Red (37%)

Green (19%)

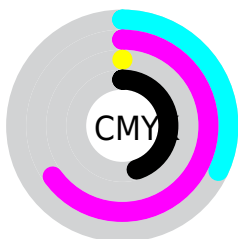
Blue (55%)



Red (37%)

Yellow (19%)

Blue (55%)

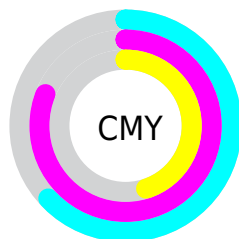


Cyan (32%)

Magenta (65%)

Yellow (0%)

Black (45%)



Cyan (63%)

Magenta (81%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F318B 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 5F318B by changing the saturation by 10% instead.

 5F318B

 5F318B

FFFFFF

 451971

 9562C1

 2B0058

 B07CDD

 160040

 CD96FA

 000329

 E9B1FF

 000113

 FFCDFE

 000000

 FFE9FF

 5F318B

 5F318B

 58238B

 663F8B

51158B

6D4D8B

4B078B

735B8B

47008B

7A698B

81768B

88848B

8F928B

95A08B

9CAE8B

Harmonies

Analogous

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



0048A1



5F318B



890D64

Triad

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



5F318B



6E3C00



005B5A

Complementary

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



5F318B



5D8B31

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.



00592B



5F318B



484C00

Square

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



5F318B



89220B



055500



005A84

Rectangle

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



5F318B



930046



055500



005A4B

Sweetspot

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



5F318B



A493B5



315E8B



51475C



DBDBDB



5C5C5C

Same Dimension

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



5F318B



7028B5



8B318B



413E45



440085



030005

Inverse Universe

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



8B315D



B5286D



318B31



453E41



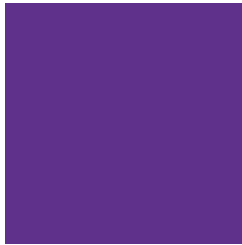
850041



050002

Previews

White Background



This preview shows how the Hex color 5F318B 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

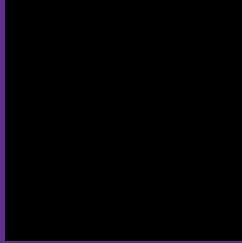
Any Text WCAG AA × Fail

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 5F318B Background



This preview shows how black text looks on a background with the Hex color 5F318B.

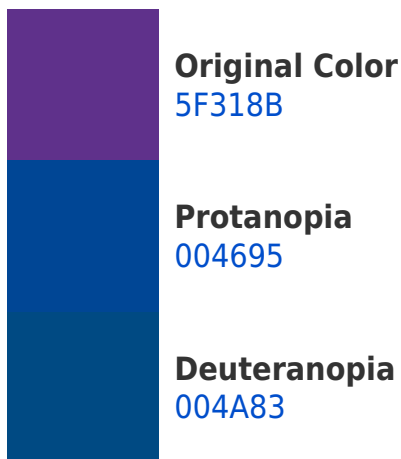



This preview shows how white text looks on a background with the Hex color 5F318B.

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
53454A

Trichromacy



Original Color
5F318B



Protanomaly
233E91



Deuteranomaly
234186



Tritanomaly
573E62

Monochromacy



Original Color
5F318B



Achromatopsia
494949



Achromatomaly
514061

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F318B 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 #5F318B looks like.

```
.text, #text, p{  
    color:#5F318B  
}
```

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 #5F318B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F318B
}
```

Border

The CSS property to change the border of an element to Hex 5F318B is called "border". The border property can be set on classes, ids or directly on the HTML element.

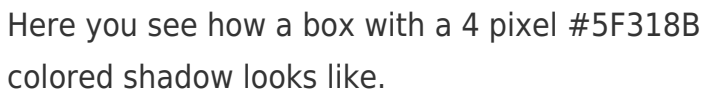
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F318B }
```

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

```
.border{ border-color:#5F318B }
```

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



Here you see how a box with a 4 pixel #5F318B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F318B; -webkit-box-shadow:4px 4px  
4px 4px #5F318B; box-shadow:4px 4px 4px  
4px #5F318B }
```

Background

The CSS property to change the background color of an element to Hex 5F318B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F318B }
```

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

```
.background{ background-color:#5F318B }
```

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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