

Converting Colors

Hex(5B308F)

Have a look what the booklet for
Hex(5B308F) contains.

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Color

Hex(5B308F)

Conversions

Conversions Part 1

Format	Color
Hex	5B308F
RGB	91, 48, 143
RGB Percent	36%, 19%, 56%
CMY	0.6431, 0.8118, 0.4392
CMYK	0.36, 0.66, 0.00, 0.44
HSL	267°, 50%, 37%
HSV	267°, 66%, 56%
XYZ	10.3293, 6.3212, 26.6623
YIQ	71.6870, -4.8670, 38.6610

Conversions

Conversions Part 2

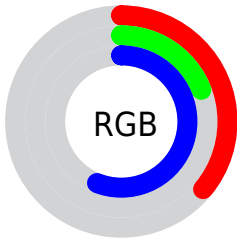
Format	Color
R_{YB}	91, 48, 143
Decimal	5976207
CIE _{Lab}	30.21, 39.43, -45.45
CIE _{LCh}	30, 60.173, 310.940
Yxy	6.3212, 0.2385, 0.1459
Android (android.graphics.Color)	4284166287 (0xFF5B308F)
YUV	71.6870, 35.1573, 16.9375
Hunter-Lab	25.1420, 29.3357, -45.2757

Details

The Hex color **5B308F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **648F30**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **9161C5**, and **26005C** is the 20% darker color. If you saturate the color by 10%, you get **53228F**, and if you desaturate by 10%, it is **633E8F**.

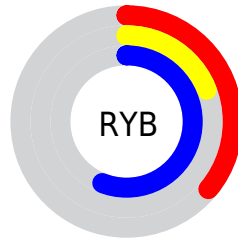
Distribution



Red (36%)

Green (19%)

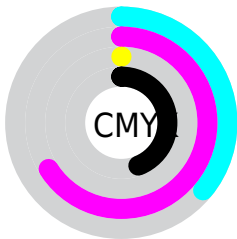
Blue (56%)



Red (36%)

Yellow (19%)

Blue (56%)

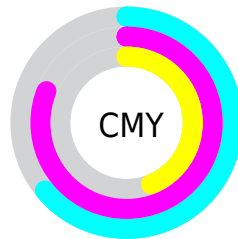


Cyan (36%)

Magenta (66%)

Yellow (0%)

Black (44%)



Cyan (64%)

Magenta (81%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B308F 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 5B308F by changing the saturation by 10% instead.

■ 5B308F

■ 5B308F

FFFFFF

■ 411875

■ 9161C5

■ 26005C

■ AD7AE2

■ 100044

■ C995FF

■ 00032C

■ E6B0FF

■ 000117

■ FFCCFF

■ 000000

■ FFE8FF

■ 5B308F

■ 5B308F

■ 53228F

■ 633E8F

■ 4B138F

■ 6B4D8F

■ 44058F

■ 725B8F

■ 41008F

■ 7A698F

■ 82788F

■ 8A868F

■ 92948F

■ 9AA28F

■ A1B18F

Harmonies

Analogous

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



0048A5



5B308F



890167

Triad

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



5B308F



703900



005A58

Complementary

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



5B308F



648F30

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.



005826



5B308F



494B00

Square

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



5B308F



8B1B09



035400



005A84

Rectangle

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



5B308F



950048



035400



005A47

Sweetspot

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



5B308F



A695BA



30648F



52485E



DEDEDE



5E5E5E

Same Dimension

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



5B308F



6925BA



8A308F



434047



3D0087



030008

Inverse Universe

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



8F3064



BA2577



358F30



474044



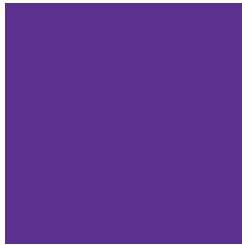
87004A



080004

Previews

White Background



This preview shows how the Hex color 5B308F looks on a white background.

Color Contrast Check

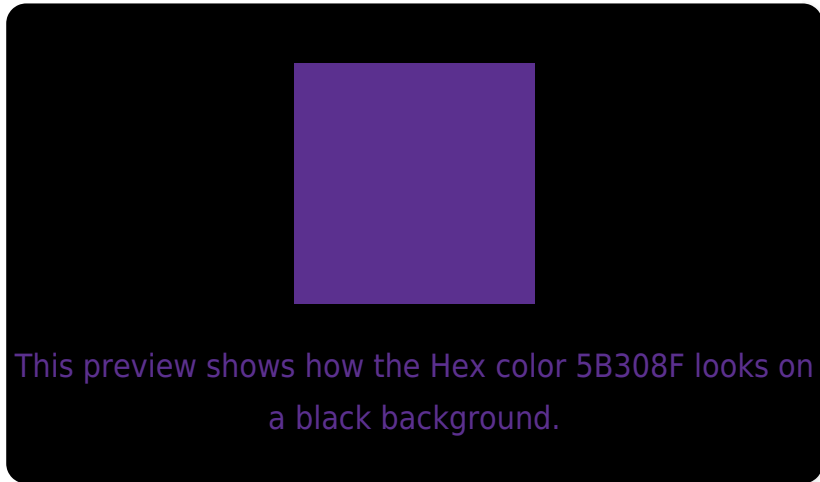
Large Text (above 18pt) WCAG AA ✓ Pass

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

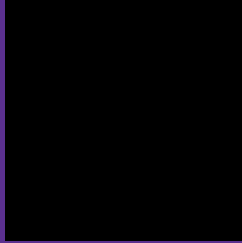
Any Text WCAG AA × Fail

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 5B308F Background



This preview shows how black text looks on a background with the Hex color 5B308F.

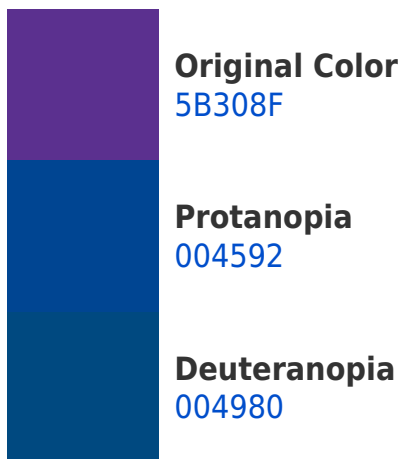



This preview shows how white text looks on a background with the Hex color 5B308F.

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](#).

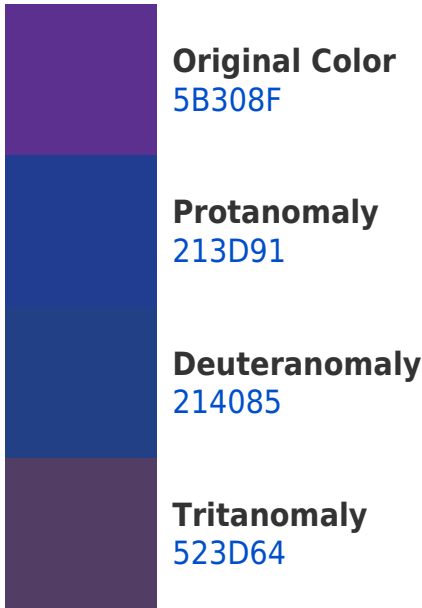
Dichromacy



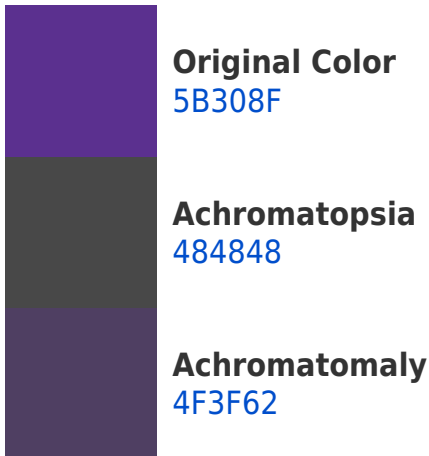


Tritanopia
4D454B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B308F 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 #5B308F looks like.

```
.text, #text, p{  
    color:#5B308F  
}
```

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 #5B308F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B308F
}
```

Border

The CSS property to change the border of an element to Hex 5B308F is called "border". The border property can be set on classes, ids or directly on the HTML element.

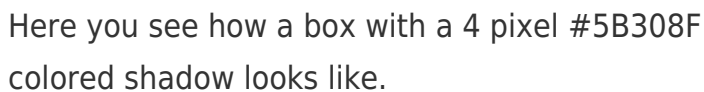
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B308F }
```

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

```
.border{ border-color:#5B308F }
```

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



Here you see how a box with a 4 pixel #5B308F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B308F; -webkit-box-shadow:4px 4px  
4px 4px #5B308F; box-shadow:4px 4px 4px  
4px #5B308F }
```

Background

The CSS property to change the background color of an element to Hex 5B308F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B308F }
```

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

```
.background{ background-color:#5B308F }
```

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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