

Converting Colors

Hex(5A4F8B)

Have a look what the booklet for
Hex(5A4F8B) contains.

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Color

Hex(5A4F8B)

Conversions

Conversions Part 1

Format	Color
Hex	5A4F8B
RGB	90, 79, 139
RGB Percent	35%, 31%, 55%
CMY	0.6471, 0.6902, 0.4549
CMYK	0.35, 0.43, 0.00, 0.45
HSL	251°, 28%, 43%
HSV	251°, 43%, 55%
XYZ	11.6726, 9.6297, 25.6696
YIQ	89.1290, -12.7040, 20.9920

Conversions

Conversions Part 2

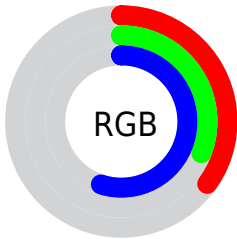
Format	Color
R_{YB}	90, 79, 139
Decimal	5918603
CIE _{Lab}	37.17, 19.35, -31.88
CIE _{LCh}	37, 37.294, 301.258
Yxy	9.6297, 0.2485, 0.2050
Android (android.graphics.Color)	4284108683 (0xFF5A4F8B)
YUV	89.1290, 24.5864, 0.7639
Hunter-Lab	31.0318, 12.8374, -27.3227

Details

The Hex color **5A4F8B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **808B4F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8E80C1**, and **282258** is the 20% darker color. If you saturate the color by 10%, you get **4F418B**, and if you desaturate by 10%, it is **655D8B**.

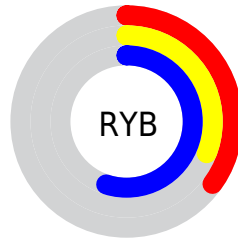
Distribution



 Red (35%)

 Green (31%)

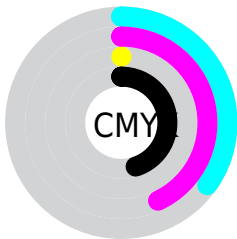
 Blue (55%)




 Red (35%)

 Yellow (31%)

 Blue (55%)

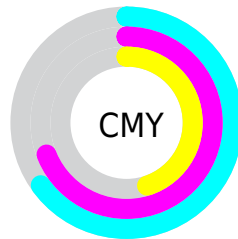


 Cyan (35%)


 Magenta (43%)

 Yellow (0%)

 Black (45%)



 Cyan (65%)

 Magenta (69%)

 Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4F8B 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 5A4F8B by changing the saturation by 10% instead.

■ 5A4F8B

■ 5A4F8B

FFFFFF

■ 413871

■ 8E80C1

■ 282258

■ A99ADD

■ 0E0E41

■ C5B5FA

■ 00002A

■ E1D1FF

■ 000114

■ FEEDFF

■ 000000

■ 5A4F8B

■ 5A4F8B

■ 4F418B

■ 655D8B

■ 43338B

■ 716B8B

■ 38258B

■ 7C798B

■ 2D178B

■ 87878B

■ 210A8B

■ 93948B

■ 19008B

■ 9EA28B

■ A9B08B

■ B5BE8B

■ C0CC8B

Harmonies

Analogous

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



125A94



5A4F8B



7D4375

Triad

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



5A4F8B



7E4B22



006658

Complementary

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



5A4F8B



808B4F

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.



1C6439



5A4F8B



675617

Square

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



5A4F8B



8D403A



485F21



006676

Rectangle

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



5A4F8B



8A3D62



485F21



00664D

Sweetspot

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



5A4F8B



A29EB5



4F808B



504D5C



DBDBDB



5C5C5C

Same Dimension

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



5A4F8B



6857B5



784F8B



3F3E45



180085



010005

Inverse Universe

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



8B4F80



B557A4



628B4F



453E44



85006C



050004

Previews

White Background



This preview shows how the Hex color 5A4F8B 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

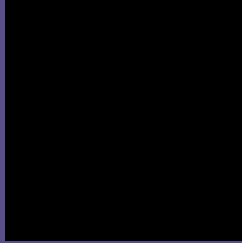
Any Text WCAG AA × Fail

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 5A4F8B Background



This preview shows how black text looks on a background with the Hex color 5A4F8B.

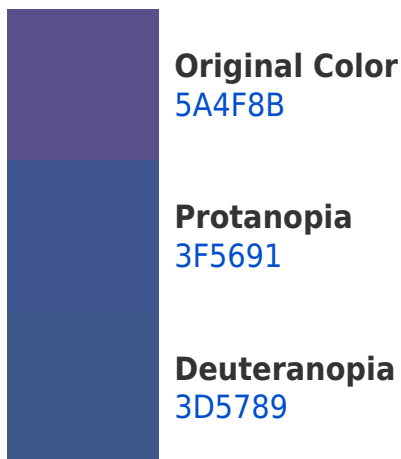


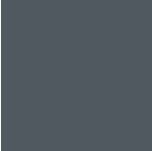
This preview shows how white text looks on a background with the Hex color 5A4F8B.

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
515960

Trichromacy



Original Color
5A4F8B

Protanomaly
49538F

Deuteranomaly
48548A

Tritanomaly
545570

Monochromacy



Original Color
5A4F8B

Achromatopsia
595959

Achromatomaly
59556B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4F8B 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 #5A4F8B looks like.

```
.text, #text, p{  
    color:#5A4F8B  
}
```

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 #5A4F8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4F8B
}
```

Border

The CSS property to change the border of an element to Hex 5A4F8B 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
#5A4F8B }
```

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

```
.border{ border-color:#5A4F8B }
```

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

Here you see how a box with a 4 pixel #5A4F8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4F8B; -webkit-box-shadow:4px 4px  
4px 4px #5A4F8B; box-shadow:4px 4px 4px  
4px #5A4F8B }
```

Background

The CSS property to change the background color of an element to Hex 5A4F8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4F8B }
```

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

```
.background{ background-color:#5A4F8B }
```

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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