

Converting Colors

Hex(5A47C8)

Have a look what the booklet for
Hex(5A47C8) contains.

Hex(5A47C8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A47C8)

Conversions

Conversions Part 1

Format	Color
Hex	5A47C8
RGB	90, 71, 200
RGB Percent	35%, 28%, 78%
CMY	0.6471, 0.7216, 0.2157
CMYK	0.55, 0.65, 0.00, 0.22
HSL	249°, 54%, 53%
HSV	249°, 64%, 78%
XYZ	16.8950, 10.8503, 55.8474
YIQ	91.3870, -30.0850, 44.1470

Conversions

Conversions Part 2

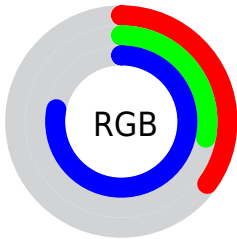
Format	Color
R_{YB}	90, 71, 200
Decimal	5916616
CIE _{Lab}	39.33, 42.65, -64.70
CIE _{LCh}	39, 77.497, 303.393
Yxy	10.8503, 0.2021, 0.1298
Android (android.graphics.Color)	4284106696 (0xFF5A47C8)
YUV	91.3870, 53.5462, -1.2164
Hunter-Lab	32.9397, 33.9093, -77.4649

Details

The Hex color **5A47C8** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **B5C847**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9579FF**, and **0E1991** is the 20% darker color. If you saturate the color by 10%, you get **4933C8**, and if you desaturate by 10%, it is **6B5BC8**.

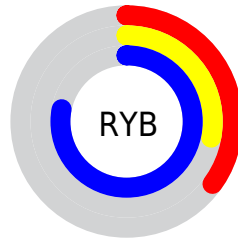
Distribution



Red (35%)

Green (28%)

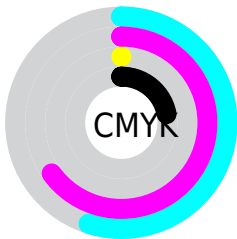
Blue (78%)



Red (35%)

Yellow (28%)

Blue (78%)

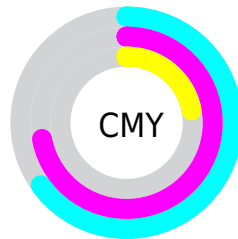


Cyan (55%)

Magenta (65%)

Yellow (0%)

Black (22%)



Cyan (65%)

Magenta (72%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A47C8 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 5A47C8 by changing the saturation by 10% instead.

■ 5A47C8

■ 5A47C8

FFFFFF

■ 3A30AC

■ 9579FF

■ 0E1991

■ B293FF

■ 000376

■ D0AEFF

■ 00005D

■ EEC9FF

■ 000844

■ FFE6FF

■ 00032D

■ 000117

■ 000000

■ 5A47C8

■ 5A47C8

■ 4933C8

■ 6B5BC8

■ 381FC8

■ 7C6FC8

■ 270BC8

■ 8D83C8

■ 1D00C8

■ 9E97C8

■ AFABC8

■ C0BFC8

■ D1D3C8

■ E2E7C8

■ F3FBC8

Harmonies

Analogous

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



0064DD



5A47C8



AA0496

Triad

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



5A47C8



9D4100



007562

Complementary

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



5A47C8



B5C847

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.



00721D



5A47C8



6C5D00

Square

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



5A47C8



BD001B



236B00



0076A1

Rectangle

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



5A47C8



C0006E



236B00



00744C

Sweetspot

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



5A47C8



D6CFFF



47B7C8



666280



000000



808080

Same Dimension

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



5A47C8



583BFF



9947C8



5B5A63



1800A3



050024

Inverse Universe

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



C847B5



FF3BE2



76C847



635A62



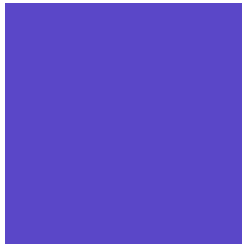
A3008B



24001E

Previews

White Background



This preview shows how the Hex color 5A47C8 looks on a white background.

Color Contrast Check

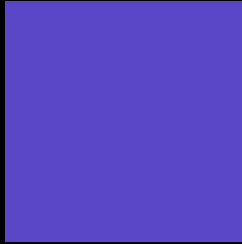
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5A47C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

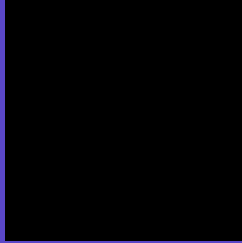
Any Text WCAG AA × Fail

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 5A47C8 Background



This preview shows how black text looks on a background with the Hex color 5A47C8.

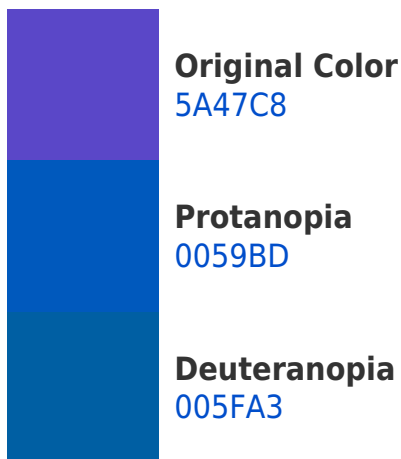


This preview shows how white text looks on a background with the Hex color 5A47C8.

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](#).

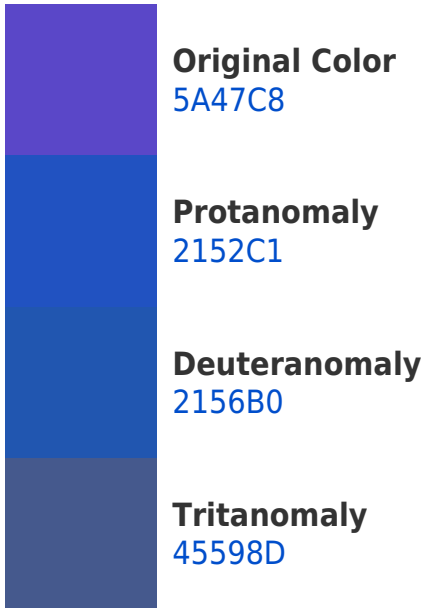
Dichromacy





Tritanopia
39636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A47C8 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 #5A47C8 looks like.

```
.text, #text, p{  
    color:#5A47C8  
}
```

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 #5A47C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A47C8
}
```

Border

The CSS property to change the border of an element to Hex 5A47C8 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
#5A47C8 }
```

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

```
.border{ border-color:#5A47C8 }
```

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

Here you see how a box with a 4 pixel #5A47C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A47C8; -webkit-box-shadow:4px 4px  
4px 4px #5A47C8; box-shadow:4px 4px 4px  
4px #5A47C8 }
```

Background

The CSS property to change the background color of an element to Hex 5A47C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A47C8 }
```

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

```
.background{ background-color:#5A47C8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor