

Converting Colors

Hex(5A4EAB)

Have a look what the booklet for
Hex(5A4EAB) contains.

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Color

Hex(5A4EAB)

Conversions

Conversions Part 1

Format	Color
Hex	5A4EAB
RGB	90, 78, 171
RGB Percent	35%, 31%, 67%
CMY	0.6471, 0.6941, 0.3294
CMYK	0.47, 0.54, 0.00, 0.33
HSL	248°, 37%, 49%
HSV	248°, 54%, 67%
XYZ	14.2915, 10.5627, 39.8136
YIQ	92.1900, -22.7010, 31.4670

Conversions

Conversions Part 2

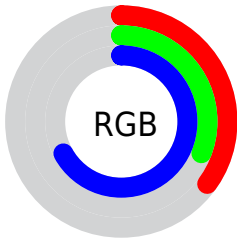
Format	Color
R_{YB}	90, 78, 171
Decimal	5918379
CIE _{Lab}	38.83, 29.53, -48.48
CIE _{LCh}	39, 56.759, 301.345
Yxy	10.5627, 0.2210, 0.1633
Android (android.graphics.Color)	4284108459 (0xFF5A4EAB)
YUV	92.1900, 38.8533, -1.9206
Hunter-Lab	32.5003, 21.6171, -49.8814

Details

The Hex color **5A4EAB** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9FAB4E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **917FE3**, and **202176** is the 20% darker color. If you saturate the color by 10%, you get **4B3DAB**, and if you desaturate by 10%, it is **695FAB**.

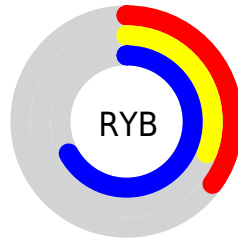
Distribution



Red (35%)

Green (31%)

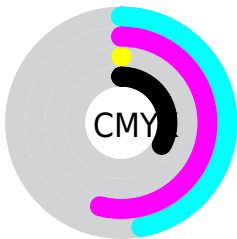
Blue (67%)



Red (35%)

Yellow (31%)

Blue (67%)

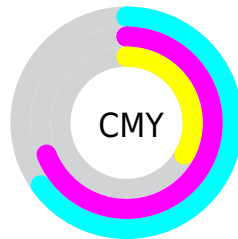


Cyan (47%)

Magenta (54%)

Yellow (0%)

Black (33%)



Cyan (65%)

Magenta (69%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4EAB 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 5A4EAB by changing the saturation by 10% instead.

■ 5A4EAB

■ 5A4EAB

FFFFFF

■ 3E3790

■ 917FE3

■ 202176

■ AD99FF

■ 000D5D

■ CAB4FF

■ 000045

■ E7D0FF

■ 00032D

■ FFECFF

■ 000118

■ 000000

■ 5A4EAB

■ 5A4EAB

■ 4B3DAB

■ 695FAB

■ 3C2CAB

■ 7870AB

■ 2D1BAB

■ 8781AB

■ 1E0AAB

■ 9692AB

■ 1600AB

■ A4A3AB

■ B3B5AB

■ C2C6AB

■ D1D7AB

■ E0E8AB

Harmonies

Analogous

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



0061B9



5A4EAB



933588

Triad

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



5A4EAB



914700



006F5C

Complementary

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



5A4EAB



9FAB4E

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.



006D2C



5A4EAB



6D5A00

Square

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



5A4EAB



A7302E



3F6600



006F8A

Rectangle

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



5A4EAB



A6276B



3F6600



006F4C

Sweetspot

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



5A4EAB



BFBAD E



4EA0AB



5E5B70



F0F0F0



707070

Same Dimension

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



5A4EAB



604EDE



874EAB



4F4E57



130096



030017

Inverse Universe

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



AB4E9F



DE4ECB



72AB4E



574E56



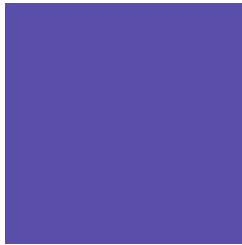
960083



170014

Previews

White Background



This preview shows how the Hex color 5A4EAB 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



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 5A4EAB Background



This preview shows how black text looks on a background with the Hex color 5A4EAB.

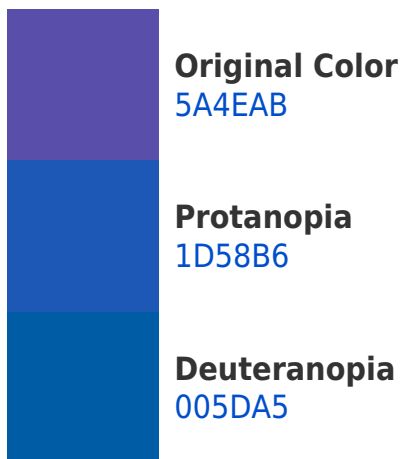


This preview shows how white text looks on a background with the Hex color 5A4EAB.

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
475F67

Trichromacy



Original Color
5A4EAB



Protanomaly
3354B2



Deuteranomaly
2158A7



Tritanomaly
4E5980

Monochromacy



Original Color
5A4EAB



Achromatopsia
5C5C5C



Achromatomaly
5B5779

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4EAB 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 #5A4EAB looks like.

```
.text, #text, p{  
    color:#5A4EAB  
}
```

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 #5A4EAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4EAB
}
```

Border

The CSS property to change the border of an element to Hex 5A4EAB 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
#5A4EAB }
```

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

```
.border{ border-color:#5A4EAB }
```

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

Here you see how a box with a 4 pixel #5A4EAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4EAB; -webkit-box-shadow:4px 4px  
4px 4px #5A4EAB; box-shadow:4px 4px 4px  
4px #5A4EAB }
```

Background

The CSS property to change the background color of an element to Hex 5A4EAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4EAB }
```

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

```
.background{ background-color:#5A4EAB }
```

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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