

Converting Colors

Hex(5A4BB1)

Have a look what the booklet for
Hex(5A4BB1) contains.

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Color

Hex(5A4BB1)

Conversions

Conversions Part 1

Format	Color
Hex	5A4BB1
RGB	90, 75, 177
RGB Percent	35%, 29%, 69%
CMY	0.6471, 0.7059, 0.3059
CMYK	0.49, 0.58, 0.00, 0.31
HSL	249°, 40%, 49%
HSV	249°, 58%, 69%
XYZ	14.6683, 10.3801, 42.8254
YIQ	91.1130, -23.8020, 34.9020

Conversions

Conversions Part 2

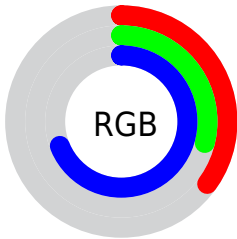
Format	Color
R_{YB}	90, 75, 177
Decimal	5917617
CIE _{Lab}	38.52, 33.21, -52.54
CIE _{LCh}	39, 62.159, 302.296
Yxy	10.3801, 0.2161, 0.1529
Android (android.graphics.Color)	4284107697 (0xFF5A4BB1)
YUV	91.1130, 42.3423, -0.9761
Hunter-Lab	32.2182, 24.8857, -56.2573

Details

The Hex color **5A4BB1** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A2B14B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **927CE9**, and **1D1E7B** is the 20% darker color. If you saturate the color by 10%, you get **4B39B1**, and if you desaturate by 10%, it is **695DB1**.

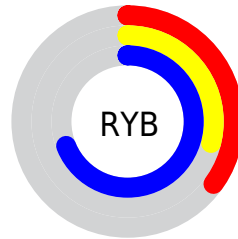
Distribution



Red (35%)

Green (29%)

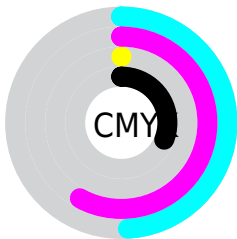
Blue (69%)



Red (35%)

Yellow (29%)

Blue (69%)

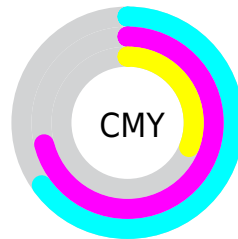


Cyan (49%)

Magenta (58%)

Yellow (0%)

Black (31%)



Cyan (65%)

Magenta (71%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4BB1 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 5A4BB1 by changing the saturation by 10% instead.

■ 5A4BB1

■ 5A4BB1

FFFFFF

■ 3E3496

■ 927CE9

■ 1D1E7B

■ AE96FF

■ 000962

■ CBB1FF

■ 000049

■ E8CDFF

■ 000432

■ FFE9FF

■ 00011C

■ 000000

■ 5A4BB1

■ 5A4BB1

■ 4B39B1

■ 695DB1

■ 3C28B1

■ 786EB1

■ 2D16B1

■ 8780B1

■ 1E04B1

■ 9692B1

■ 1A00B1

■ A5A3B1

■ B5B5B1

■ C4C7B1

■ D3D9B1

■ E2EAB1

Harmonies

Analogous

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



0060C1



5A4BB1



982C8A

Triad

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



5A4BB1



924500



00705D

Complementary

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



5A4BB1



A2B14B

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.



006D28



5A4BB1



6C5A00

Square

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



5A4BB1



AC2828



376700



007090

Rectangle

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



5A4BB1



AC176A



376700



006F4C

Sweetspot

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



5A4BB1



C4BEE6



4BA3B1



5F5C73



F2F2F2



737373

Same Dimension

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



5A4BB1



5E47E6



8C4BB1



525059



170099



04001A

Inverse Universe

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



B14BA2



E647CE



70B14B



595058



990082



1A0016

Previews

White Background



This preview shows how the Hex color 5A4BB1 looks on a white background.

Color Contrast Check

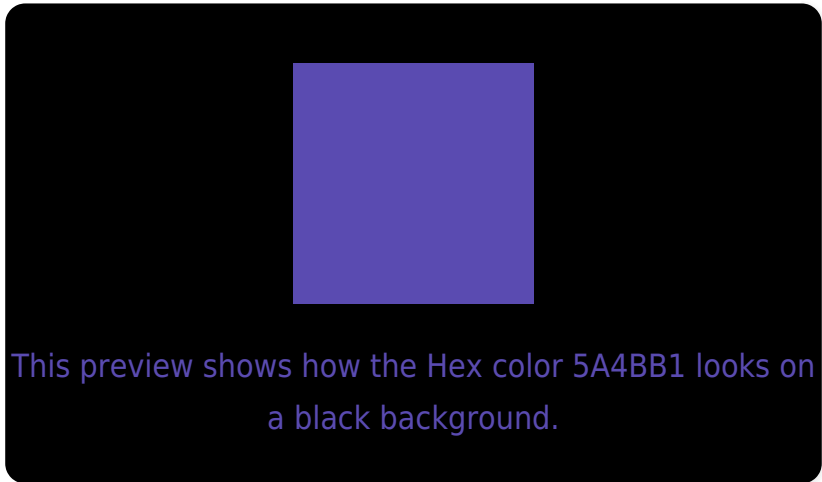
Large Text (above 18pt) WCAG AA ✓ Pass

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

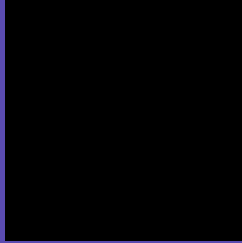
Any Text WCAG AA × Fail

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 5A4BB1 Background



This preview shows how black text looks on a background with the Hex color 5A4BB1.



This preview shows how white text looks on a background with the Hex color 5A4BB1.

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



Original Color
5A4BB1

Protanopia
0057BA

Deuteranopia
005DA2



Tritanopia
445F67

Trichromacy



Original Color
5A4BB1

Protanomaly
2153B7

Deuteranomaly
2156A7

Tritanomaly
4C5882

Monochromacy



Original Color
5A4BB1

Achromatopsia
5B5B5B

Achromatomaly
5B557A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4BB1 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 #5A4BB1 looks like.

```
.text, #text, p{  
    color:#5A4BB1  
}
```

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 #5A4BB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4BB1
}
```

Border

The CSS property to change the border of an element to Hex 5A4BB1 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
#5A4BB1 }
```

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

```
.border{ border-color:#5A4BB1 }
```

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

Here you see how a box with a 4 pixel #5A4BB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4BB1; -webkit-box-shadow:4px 4px  
4px 4px #5A4BB1; box-shadow:4px 4px 4px  
4px #5A4BB1 }
```

Background

The CSS property to change the background color of an element to Hex 5A4BB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4BB1 }
```

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

```
.background{ background-color:#5A4BB1 }
```

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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