

Converting Colors

Hex(5734B1)

Have a look what the booklet for
Hex(5734B1) contains.

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Color

Hex(5734B1)

Conversions

Conversions Part 1

Format	Color
Hex	5734B1
RGB	87, 52, 177
RGB Percent	34%, 20%, 69%
CMY	0.6588, 0.7961, 0.3059
CMYK	0.51, 0.71, 0.00, 0.31
HSL	257°, 55%, 45%
HSV	257°, 71%, 69%
XYZ	13.0943, 7.6565, 42.3827
YIQ	76.7150, -19.2650, 46.2950

Conversions

Conversions Part 2

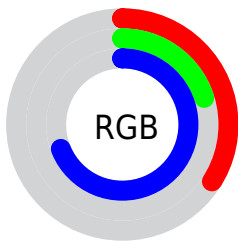
Format	Color
R_{YB}	87, 52, 177
Decimal	5715121
CIE _{Lab}	33.26, 45.92, -61.10
CIE _{LCh}	33, 76.435, 306.926
Yxy	7.6565, 0.2074, 0.1213
Android (android.graphics.Color)	4283905201 (0xFF5734B1)
YUV	76.7150, 49.4405, 9.0199
Hunter-Lab	27.6705, 36.0469, -71.4448

Details

The Hex color **5734B1** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8EB134**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9065EA**, and **13017B** is the 20% darker color. If you saturate the color by 10%, you get **4A22B1**, and if you desaturate by 10%, it is **6446B1**.

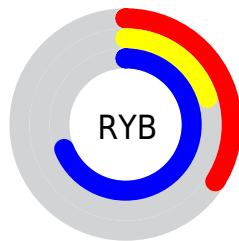
Distribution



Red (34%)

Green (20%)

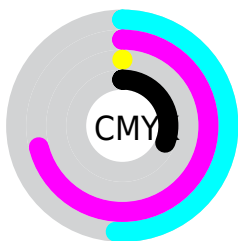
Blue (69%)



Red (34%)

Yellow (20%)

Blue (69%)

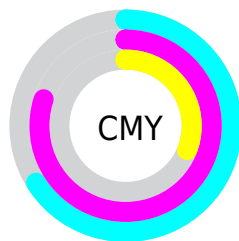


Cyan (51%)

Magenta (71%)

Yellow (0%)

Black (31%)



Cyan (66%)

Magenta (80%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5734B1 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 5734B1 by changing the saturation by 10% instead.

■ 5734B1

■ 5734B1

FFFFFF

■ 391C96

■ 9065EA

■ 13017B

■ AD7FFF

■ 000061

■ CA9AFF

■ 000049

■ E8B5FF

■ 000431

■ FFD1FF

■ 00011B

■ FFEEFF

■ 000000

■ 5734B1

■ 5734B1

■ 4A22B1

■ 6446B1

■ 3E11B1

■ 7057B1

■ 3200B1

■ 7D69B1

■ 8A7BB1

■ 978CB1

■ A39EB1

■ B0B0B1

■ BDC2B1

■ CAD3B1

Harmonies

Analogous

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



0053C9



5734B1



9D007F

Triad

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



5734B1



853700



00655B

Complementary

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



5734B1



8EB134

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.



006319



5734B1



545100

Square

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



5734B1



A60005



005D00



006597

Rectangle

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



5734B1



AF0057



005D00



006446

Sweetspot

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



5734B1



C3B5E6



3490B1



5E5673



F2F2F2



737373

Same Dimension

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



5734B1



5922E6



9434B1



535059



2B0099



07001A

Inverse Universe

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



B1348E



E622AF



51B134



595057



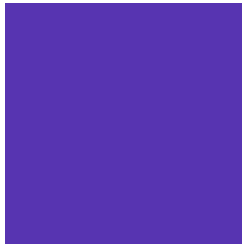
99006E



1A0012

Previews

White Background



This preview shows how the Hex color 5734B1 looks on a white background.

Color Contrast Check

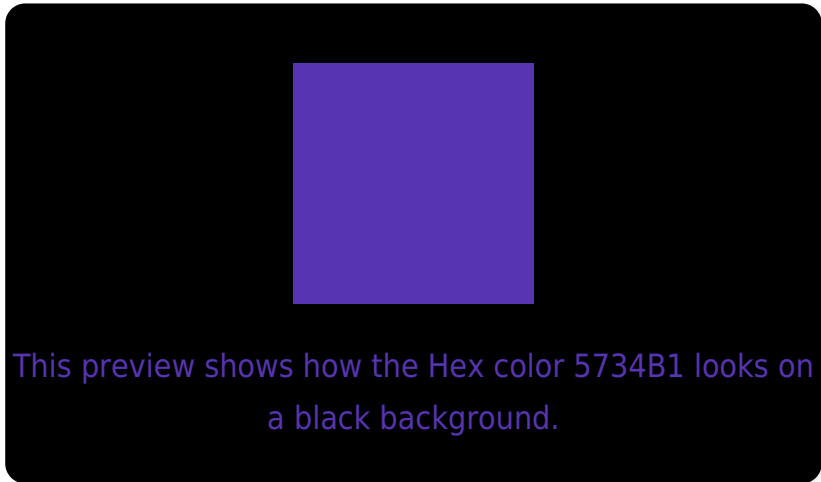
Large Text (above 18pt) WCAG AA ✓ Pass

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

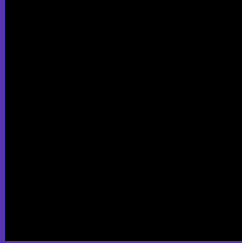
Any Text WCAG AA × Fail

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 5734B1 Background



This preview shows how black text looks on a background with the Hex color 5734B1.

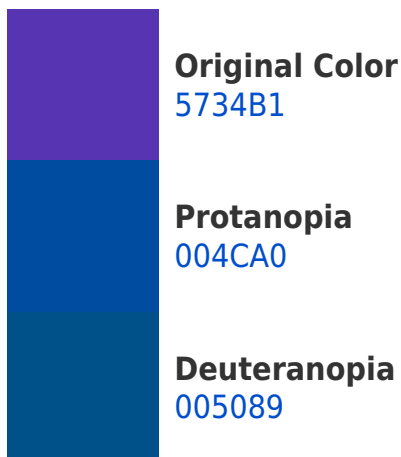


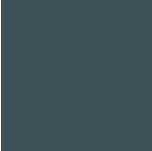
This preview shows how white text looks on a background with the Hex color 5734B1.

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
3C5258

Trichromacy



Original Color
5734B1



Protanomaly
2043A6



Deuteranomaly
204698



Tritanomaly
464778

Monochromacy



Original Color
5734B1



Achromatopsia
4D4D4D



Achromatomaly
514471

CSS Examples

Text

The CSS property to change the color of the text to Hex 5734B1 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 #5734B1 looks like.

```
.text, #text, p{  
    color:#5734B1  
}
```

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 #5734B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5734B1
}
```

Border

The CSS property to change the border of an element to Hex 5734B1 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
#5734B1 }
```

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

```
.border{ border-color:#5734B1 }
```

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

Here you see how a box with a 4 pixel #5734B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5734B1; -webkit-box-shadow:4px 4px  
4px 4px #5734B1; box-shadow:4px 4px 4px  
4px #5734B1 }
```

Background

The CSS property to change the background color of an element to Hex 5734B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5734B1 }
```

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

```
.background{ background-color:#5734B1 }
```

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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