

Converting Colors

Hex(5B4697)

Have a look what the booklet for
Hex(5B4697) contains.

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Color

Hex(5B4697)

Conversions

Conversions Part 1

Format	Color
Hex	5B4697
RGB	91, 70, 151
RGB Percent	36%, 27%, 59%
CMY	0.6431, 0.7255, 0.4078
CMYK	0.40, 0.54, 0.00, 0.41
HSL	256°, 37%, 43%
HSV	256°, 54%, 59%
XYZ	12.0905, 8.8388, 30.3470
YIQ	85.5130, -13.4850, 29.6430

Conversions

Conversions Part 2

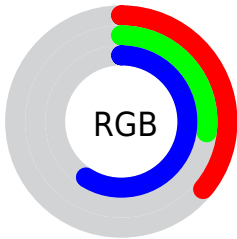
Format	Color
R_{YB}	91, 70, 151
Decimal	5981847
CIE _{Lab}	35.67, 28.74, -41.55
CIE _{LCh}	36, 50.521, 304.667
Yxy	8.8388, 0.2358, 0.1724
Android (android.graphics.Color)	4284171927 (0xFF5B4697)
YUV	85.5130, 32.2851, 4.8121
Hunter-Lab	29.7302, 20.5633, -39.7090

Details

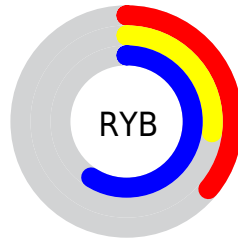
The Hex color **5B4697** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **829746**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9077CE**, and **261963** is the 20% darker color. If you saturate the color by 10%, you get **503797**, and if you desaturate by 10%, it is **665597**.

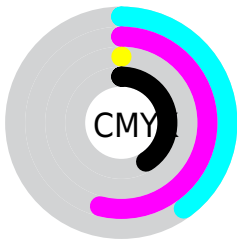
Distribution



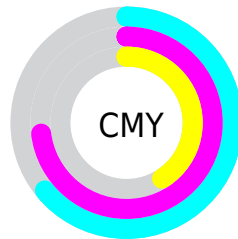
- Red (36%)
- Green (27%)
- Blue (59%)



- Red (36%)
- Yellow (27%)
- Blue (59%)



- Cyan (40%)
- Magenta (54%)
- Yellow (0%)
- Black (41%)



- Cyan (64%)
- Magenta (73%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4697 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 5B4697 by changing the saturation by 10% instead.

■ 5B4697

■ 5B4697

FFFFFF

■ 412F7D

■ 9077CE

■ 261963

■ AC91EA

■ 06044B

■ C8ABFF

■ 000034

■ E5C7FF

■ 00021D

■ FFE3FF

■ 000000

■ 5B4697

■ 5B4697

■ 503797

■ 665597

■ 452897

■ 716497

■ 391997

■ 7D7397

■ 2E0A97

■ 888297

■ 270097

■ 939297

■ 9EA197

■ A9B097

■ B4BF97

■ C0CE97

Harmonies

Analogous

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



0057A5



5B4697



893177

Triad

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



5B4697



814500



006659

Complementary

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



5B4697



829746

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.



00642F



5B4697



605400

Square

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



5B4697



963128



365E02



006581

Rectangle

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



5B4697



97275D



365E02



00654B

Sweetspot

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



5B4697



ADA5C4



468397



555163



E3E3E3



636363

Same Dimension

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



5B4697



6747C4



834697



47454D



24008C



03000D

Inverse Universe

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



974682



C447A4



5A9746



4D454B



8C0068



0D0009

Previews

White Background



This preview shows how the Hex color 5B4697 looks on a white background.

Color Contrast Check

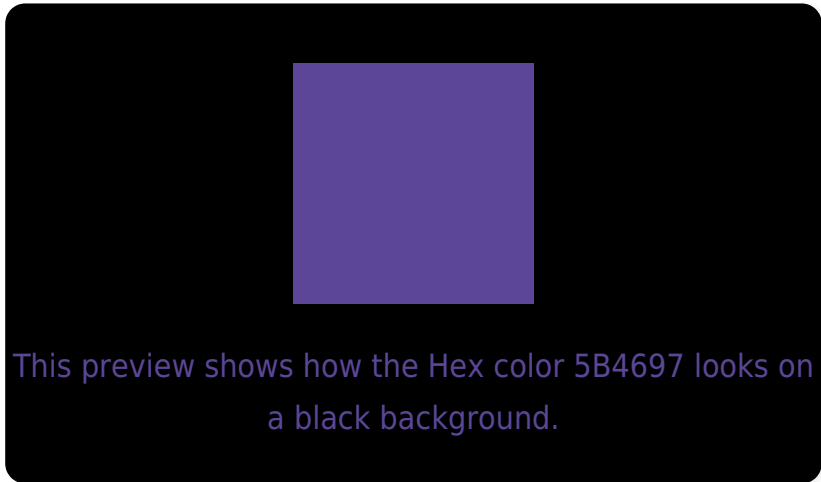
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B4697 Background



This preview shows how black text looks on a background with the Hex color 5B4697.

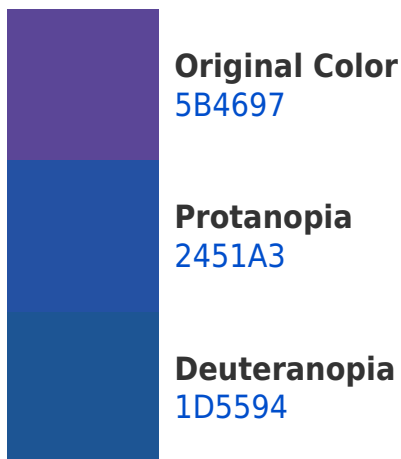


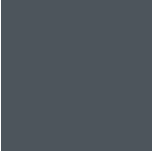
This preview shows how white text looks on a background with the Hex color 5B4697.

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
4D555C

Trichromacy



Original Color
5B4697

Protanomaly
384D9F

Deuteranomaly
345095

Tritanomaly
525071

Monochromacy



Original Color
5B4697

Achromatopsia
565656

Achromatomaly
58506E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4697 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 #5B4697 looks like.

```
.text, #text, p{  
    color:#5B4697  
}
```

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 #5B4697 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4697
}
```

Border

The CSS property to change the border of an element to Hex 5B4697 is called "border". The border property can be set on classes, ids or directly on the HTML element.

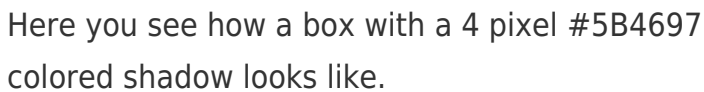
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B4697 }
```

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

```
.border{ border-color:#5B4697 }
```

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



Here you see how a box with a 4 pixel #5B4697 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4697; -webkit-box-shadow:4px 4px  
4px 4px #5B4697; box-shadow:4px 4px 4px  
4px #5B4697 }
```

Background

The CSS property to change the background color of an element to Hex 5B4697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4697 }
```

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

```
.background{ background-color:#5B4697 }
```

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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