

Converting Colors

Hex(5B74B3)

Have a look what the booklet for
Hex(5B74B3) contains.

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Color

Hex(5B74B3)

Conversions

Conversions Part 1

Format	Color
Hex	5B74B3
RGB	91, 116, 179
RGB Percent	36%, 45%, 70%
CMY	0.6431, 0.5451, 0.2980
CMYK	0.49, 0.35, 0.00, 0.30
HSL	223°, 37%, 53%
HSV	223°, 49%, 70%
XYZ	18.6965, 17.9696, 45.1309
YIQ	115.7070, -35.1230, 14.2930

Conversions

Conversions Part 2

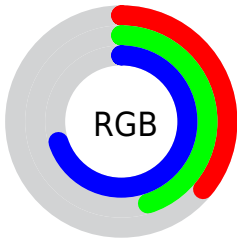
Format	Color
R_{YB}	91, 110, 179
Decimal	5993651
CIE _{Lab}	49.46, 8.64, -36.26
CIE _{LCh}	49, 37.273, 283.398
Yxy	17.9696, 0.2286, 0.2197
Android (android.graphics.Color)	4284183731 (0xFF5B74B3)
YUV	115.7070, 31.2034, -21.6680
Hunter-Lab	42.3906, 4.5443, -33.4494

Details

The Hex color **5B74B3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B39A5B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **92A8EB**, and **22447E** is the 20% darker color. If you saturate the color by 10%, you get **4967B3**, and if you desaturate by 10%, it is **6D81B3**.

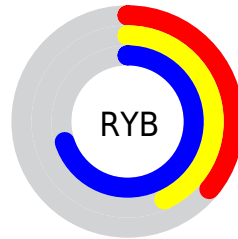
Distribution



Red (36%)

Green (45%)

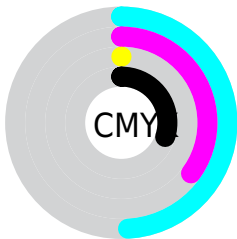
Blue (70%)



Red (36%)

Yellow (43%)

Blue (70%)

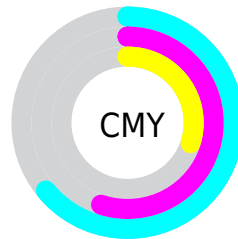


Cyan (49%)

Magenta (35%)

Yellow (0%)

Black (30%)



Cyan (64%)

Magenta (55%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B74B3 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 5B74B3 by changing the saturation by 10% instead.

■ 5B74B3

■ 5B74B3

FFFFFF

■ 405C98

■ 92A8EB

■ 22447E

■ ADC3FF

■ 002E65

■ CADFFF

■ 001A4C

■ E7FBFF

■ 000035

■ 00021F

■ 000002

■ 000000

■ 5B74B3

■ 5B74B3

■ 4967B3

■ 6D81B3

■ 375AB3

■ 7F8EB3

■ 254EB3

■ 919AB3

■ 1341B3

■ A3A7B3

■ 0234B3

■ B5B4B3

■ 0033B3

■ C6C1B3

■ D8CEB3

■ EADBB3

■ FCE7B3

Harmonies

Analogous

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



007EB2



5B74B3



8A68A4

Triad

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



5B74B3



AB624C



278562

Complementary

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



5B74B3



B39A5B

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.



588046



5B74B3



976E38

Square

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



5B74B3



B15B69



7B7836



008683

Rectangle

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



5B74B3



A06092



7B7836



3A8358

Sweetspot

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



5B74B3



C5CFE8



5BB399



606675



F5F5F5



757575

Same Dimension

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



5B74B3



5F86E8



6D5BB3



505359



002B99



00071A

Inverse Universe

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



B35B74



E85F86



A1B35B



595053



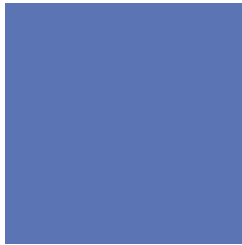
99002B



1A0007

Previews

White Background



This preview shows how the Hex color 5B74B3 looks on a white background.

Color Contrast Check

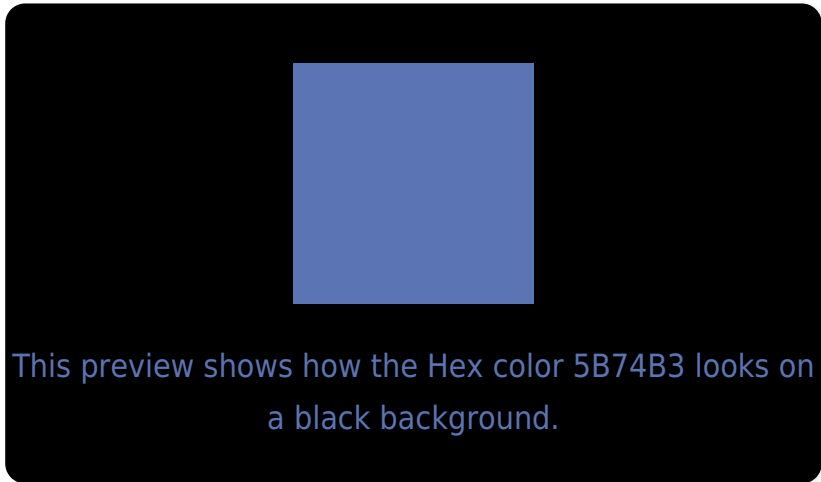
Large Text (above 18pt) WCAG AA ✓ Pass

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

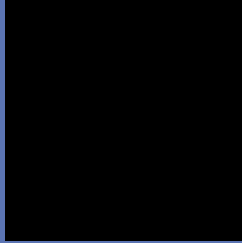
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

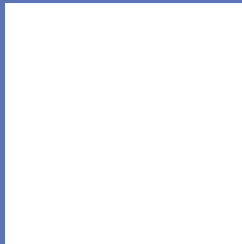
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5B74B3 Background



This preview shows how black text looks on a background with the Hex color 5B74B3.

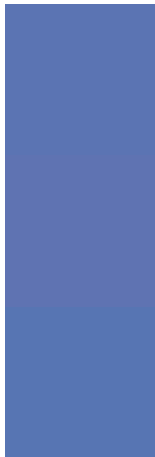


This preview shows how white text looks on a background with the Hex color 5B74B3.

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
5B74B3

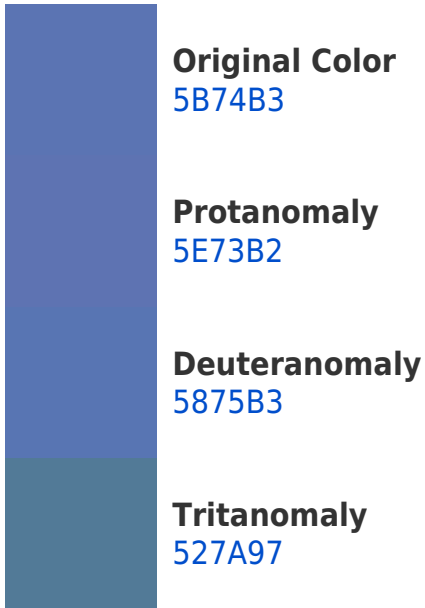
Protanopia
5F73B2

Deuteranopia
5775B3

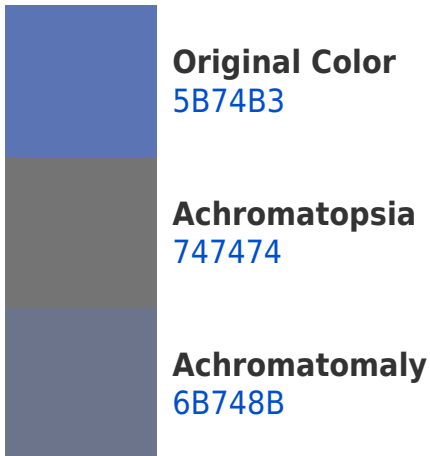


Tritanopia
4D7D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B74B3 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 #5B74B3 looks like.

```
.text, #text, p{  
    color:#5B74B3  
}
```

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 #5B74B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B74B3
}
```

Border

The CSS property to change the border of an element to Hex 5B74B3 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
#5B74B3 }
```

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

```
.border{ border-color:#5B74B3 }
```

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

Here you see how a box with a 4 pixel #5B74B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B74B3; -webkit-box-shadow:4px 4px  
4px 4px #5B74B3; box-shadow:4px 4px 4px  
4px #5B74B3 }
```

Background

The CSS property to change the background color of an element to Hex 5B74B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B74B3 }
```

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

```
.background{ background-color:#5B74B3 }
```

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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