

Converting Colors

Hex(5B73B2)

Have a look what the booklet for
Hex(5B73B2) contains.

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Color

Hex(5B73B2)

Conversions

Conversions Part 1

Format	Color
Hex	5B73B2
RGB	91, 115, 178
RGB Percent	36%, 45%, 70%
CMY	0.6431, 0.5490, 0.3020
CMYK	0.49, 0.35, 0.00, 0.30
HSL	223°, 36%, 53%
HSV	223°, 49%, 70%
XYZ	18.4810, 17.7000, 44.5619
YIQ	115.0060, -34.5270, 14.5050

Conversions

Conversions Part 2

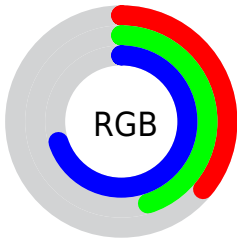
Format	Color
R _Y B	91, 110, 178
Decimal	5993394
CIE Lab	49.13, 8.93, -36.20
CIE LCh	49, 37.283, 283.864
Yxy	17.7000, 0.2289, 0.2192
Android (android.graphics.Color)	4284183474 (0xFF5B73B2)
YUV	115.0060, 31.0560, -21.0533
Hunter-Lab	42.0713, 4.7863, -33.3499

Details

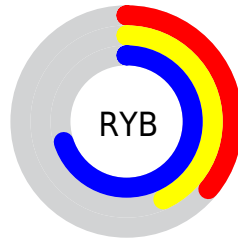
The Hex color **5B73B2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B29A5B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **91A7EA**, and **23437D** is the 20% darker color. If you saturate the color by 10%, you get **4966B2**, and if you desaturate by 10%, it is **6D80B2**.

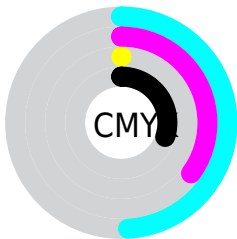
Distribution



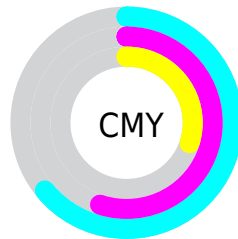
- Red (36%)
- Green (45%)
- Blue (70%)



- 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 5B73B2 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 5B73B2 by changing the saturation by 10% instead.

■ 5B73B2

■ 5B73B2

FFFFFF

■ 405B97

■ 91A7EA

■ 23437D

■ ADC2FF

■ 002E64

■ CADEFF

■ 001A4B

■ E7FAFF

■ 000034

■ 00021E

■ 000001

■ 000000

■ 5B73B2

■ 5B73B2

■ 4966B2

■ 6D80B2

■ 3759B2

■ 7F8DB2

■ 264CB2

■ 909AB2

■ 143FB2

■ A2A7B2

■ 0233B2

■ B4B3B2

■ 0031B2

■ C6C0B2

■ D8CDB2

■ E9DAB2

■ FBE7B2

Harmonies

Analogous

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



007DB1



5B73B2



8A67A3

Triad

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



5B73B2



AA624A



248462

Complementary

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



5B73B2



B29A5B

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.



567F46



5B73B2



966D37

Square

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



5B73B2



B15B67



797835



008583

Rectangle

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



5B73B2



9F5F91



797835



398358

Sweetspot

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



5B73B2



C5CFE8



5BB299



606675



F5F5F5



757575

Same Dimension

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



5B73B2



5F85E8



6E5BB2



505359



002A99



00071A

Inverse Universe

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



B25B73



E85F85



9FB25B



595053



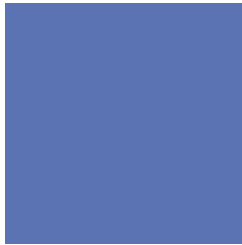
99002A



1A0007

Previews

White Background



This preview shows how the Hex color 5B73B2 looks on a white background.

Color Contrast Check

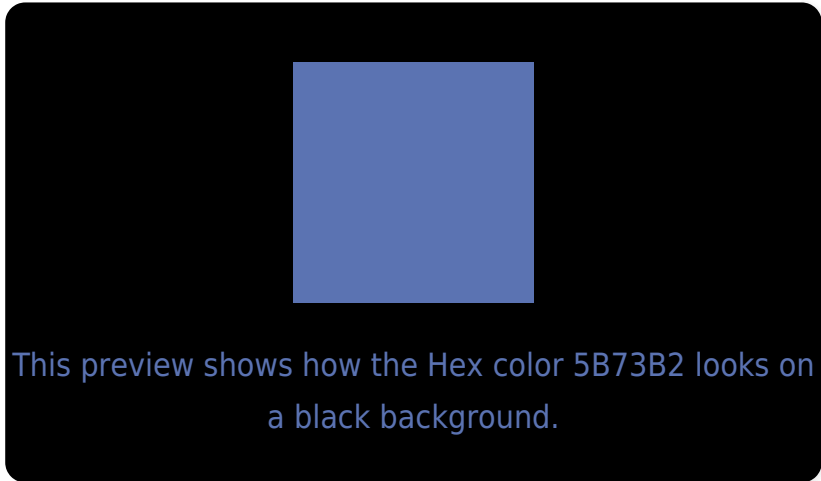
Large Text (above 18pt) WCAG AA ✓ Pass

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

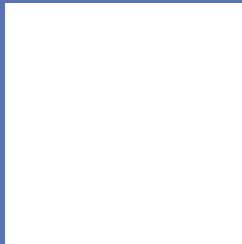
Any Text WCAG AAA × Fail

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

Hex 5B73B2 Background



This preview shows how black text looks on a background with the Hex color 5B73B2.

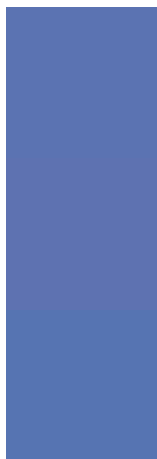


This preview shows how white text looks on a background with the Hex color 5B73B2.

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
5B73B2

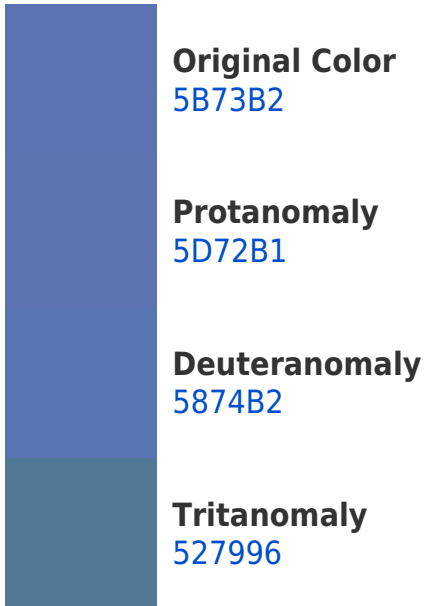
Protanopia
5E72B1

Deuteranopia
5674B2

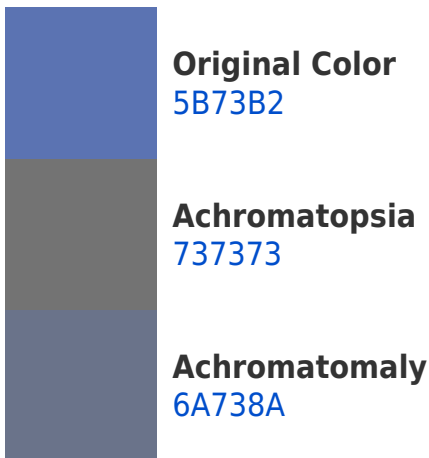


Tritanopia
4D7C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B73B2 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 #5B73B2 looks like.

```
.text, #text, p{  
    color:#5B73B2  
}
```

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 #5B73B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B73B2
}
```

Border

The CSS property to change the border of an element to Hex 5B73B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

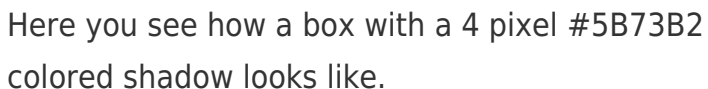
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B73B2 }
```

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

```
.border{ border-color:#5B73B2 }
```

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



Here you see how a box with a 4 pixel #5B73B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B73B2; -webkit-box-shadow:4px 4px  
4px 4px #5B73B2; box-shadow:4px 4px 4px  
4px #5B73B2 }
```

Background

The CSS property to change the background color of an element to Hex 5B73B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B73B2 }
```

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

```
.background{ background-color:#5B73B2 }
```

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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