

Converting Colors

Hex(5B67A0)

Have a look what the booklet for
Hex(5B67A0) contains.

Hex(5B67A0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B67A0)

Conversions

Conversions Part 1

Format	Color
Hex	5B67A0
RGB	91, 103, 160
RGB Percent	36%, 40%, 63%
CMY	0.6431, 0.5961, 0.3725
CMYK	0.43, 0.36, 0.00, 0.37
HSL	230°, 27%, 49%
HSV	230°, 43%, 63%
XYZ	15.5098, 14.4627, 35.2318
YIQ	105.9100, -25.4490, 15.1830

Conversions

Conversions Part 2

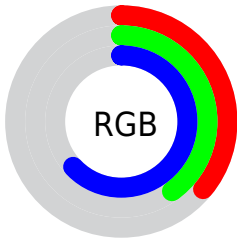
Format	Color
R _Y B	91, 101, 160
Decimal	5990304
CIE Lab	44.89, 10.77, -32.32
CIE LCh	45, 34.072, 288.435
Yxy	14.4627, 0.2379, 0.2218
Android (android.graphics.Color)	4284180384 (0xFF5B67A0)
YUV	105.9100, 26.6664, -13.0761
Hunter-Lab	38.0299, 6.2457, -28.3069

Details

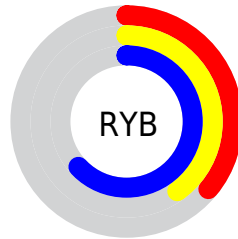
The Hex color **5B67A0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A0945B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **909AD7**, and **27386C** is the 20% darker color. If you saturate the color by 10%, you get **4B5AA0**, and if you desaturate by 10%, it is **6B74A0**.

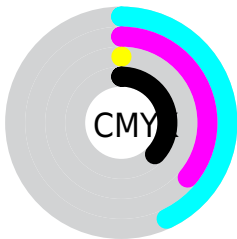
Distribution



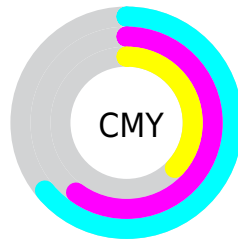
- Red (36%)
- Green (40%)
- Blue (63%)



- Red (36%)
- Yellow (40%)
- Blue (63%)



- Cyan (43%)
- Magenta (36%)
- Yellow (0%)
- Black (37%)



- Cyan (64%)
- Magenta (60%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B67A0 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 5B67A0 by changing the saturation by 10% instead.

■ 5B67A0

■ 5B67A0

FFFFFF

■ 414F86

■ 909AD7

■ 27386C

■ ABB5F4

■ 062354

■ C7D0FF

■ 000E3C

■ E4ECFF

■ 000226

■ 00010F

■ 000000

■ 5B67A0

■ 5B67A0

■ 4B5AA0

■ 6B74A0

■ 3B4DA0

■ 7B81A0

■ 2B3FA0

■ 8B8FA0

■ 1B32A0

■ 9B9CA0

■ 0B25A0

■ ABA9A0

■ 001CA0

■ BBB6A0

■ CBC4A0

■ DBD1A0

■ EBDEA0

Harmonies

Analogous

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



1970A1



5B67A0



825C90

Triad

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



5B67A0



985B41



19785E

Complementary

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



5B67A0



A0945B

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.



4A7543



5B67A0



856532

Square

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



5B67A0



A0535A



6A6E32



00797B

Rectangle

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



5B67A0



945680



6A6E32



2E7754

Sweetspot

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



5B67A0



B6BBD1



5BA093



585B69



E8E8E8



696969

Same Dimension

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



5B67A0



6477D1



715BA0



47494F



00198F



00030F

Inverse Universe

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



A05B67



D16477



8AA05B



4F4749



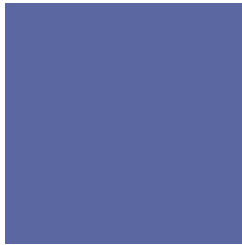
8F0019



0F0003

Previews

White Background



This preview shows how the Hex color 5B67A0 looks on a white background.

Color Contrast Check

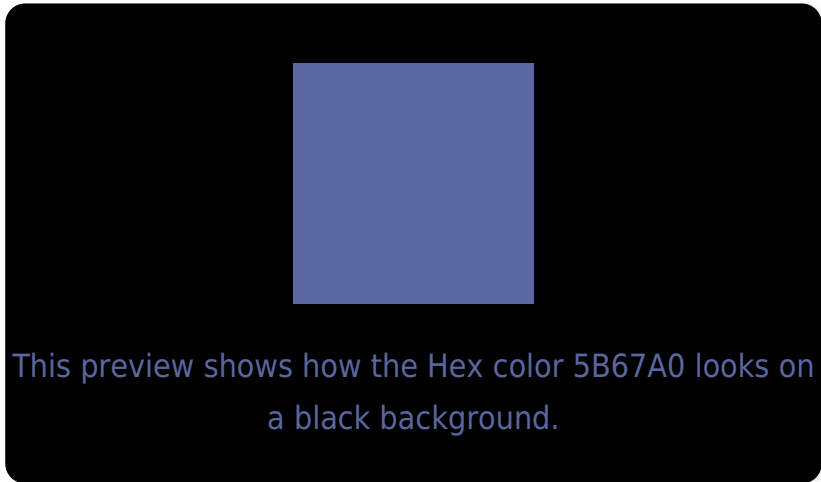
Large Text (above 18pt) WCAG AA ✓ Pass

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

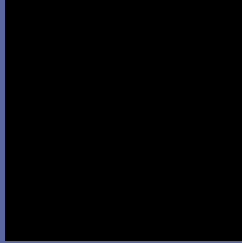
Any Text WCAG AA × Fail

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 5B67A0 Background



This preview shows how black text looks on a background with the Hex color 5B67A0.



This preview shows how white text looks on a background with the Hex color 5B67A0.

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
5B67A0

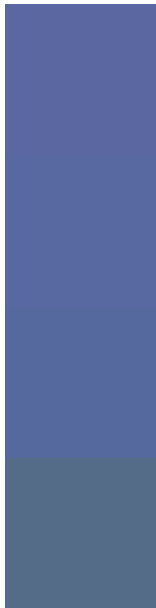
Protanopia
5668A1

Deuteranopia
516A9F



Tritanopia
506F78

Trichromacy



Original Color
5B67A0

Protanomaly
5868A1

Deuteranomaly
55699F

Tritanomaly
546C87

Monochromacy



Original Color
5B67A0

Achromatopsia
6A6A6A

Achromatomaly
65697E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B67A0 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 #5B67A0 looks like.

```
.text, #text, p{  
    color:#5B67A0  
}
```

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 #5B67A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B67A0
}
```

Border

The CSS property to change the border of an element to Hex 5B67A0 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
#5B67A0 }
```

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

```
.border{ border-color:#5B67A0 }
```

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

Here you see how a box with a 4 pixel #5B67A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B67A0; -webkit-box-shadow:4px 4px  
4px 4px #5B67A0; box-shadow:4px 4px 4px  
4px #5B67A0 }
```

Background

The CSS property to change the background color of an element to Hex 5B67A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B67A0 }
```

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

```
.background{ background-color:#5B67A0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor