

Converting Colors

Hex(5B6BA0)

Have a look what the booklet for
Hex(5B6BA0) contains.

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Color

Hex(5B6BA0)

Conversions

Conversions Part 1

Format	Color
Hex	5B6BA0
RGB	91, 107, 160
RGB Percent	36%, 42%, 63%
CMY	0.6431, 0.5804, 0.3725
CMYK	0.43, 0.33, 0.00, 0.37
HSL	226°, 27%, 49%
HSV	226°, 43%, 63%
XYZ	15.9172, 15.2776, 35.3676
YIQ	108.2580, -26.5490, 13.0910

Conversions

Conversions Part 2

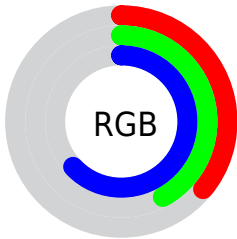
Format	Color
R_{YB}	91, 104, 160
Decimal	5991328
CIE _{Lab}	46.01, 8.31, -30.56
CIE _{LCh}	46, 31.673, 285.205
Yxy	15.2776, 0.2391, 0.2295
Android (android.graphics.Color)	4284181408 (0xFF5B6BA0)
YUV	108.2580, 25.5088, -15.1353
Hunter-Lab	39.0866, 4.2891, -26.2882

Details

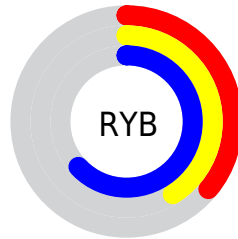
The Hex color **5B6BA0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A0905B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **909ED7**, and **273C6C** is the 20% darker color. If you saturate the color by 10%, you get **4B5FA0**, and if you desaturate by 10%, it is **6B77A0**.

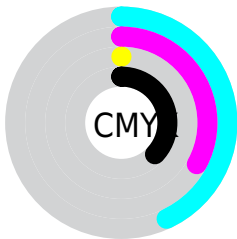
Distribution



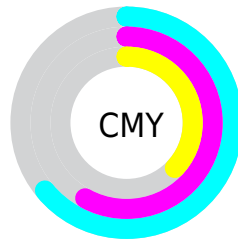
- Red (36%)
- Green (42%)
- Blue (63%)



- Red (36%)
- Yellow (41%)
- Blue (63%)



- Cyan (43%)
- Magenta (33%)
- Yellow (0%)
- Black (37%)



- Cyan (64%)
- Magenta (58%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6BA0 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 5B6BA0 by changing the saturation by 10% instead.

■ 5B6BA0

■ 5B6BA0

FFFFFF

■ 415386

■ 909ED7

■ 273C6C

■ ABB9F4

■ 072754

■ C7D5FF

■ 00123C

■ E4F1FF

■ 000326

■ 00010F

■ 000000

■ 5B6BA0

■ 5B6BA0

■ 4B5FA0

■ 6B77A0

■ 3B52A0

■ 7B84A0

■ 2B46A0

■ 8B90A0

■ 1B3AA0

■ 9B9CA0

■ 0B2EA0

■ ABA8A0

■ 0025A0

■ BBB5A0

■ CBC1A0

■ DBCDA0

■ EBDAA0

Harmonies

Analogous

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



2473A0



5B6BA0



816193

Triad

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



5B6BA0



9A5E49



2D7A5F

Complementary

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



5B6BA0



A0905B

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.



537647



5B6BA0



896739

Square

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



5B6BA0



A05860



707038



007B7A

Rectangle

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



5B6BA0



925B84



707038



3B7956

Sweetspot

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



5B6BA0



B6BCD1



5BA090



585C69



E8E8E8



696969

Same Dimension

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



5B6BA0



647ED1



6D5BA0



47494F



00218F



00040F

Inverse Universe

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



A05B6B



D1647E



8EA05B



4F4749



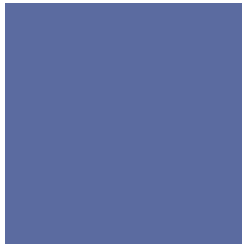
8F0021



0F0004

Previews

White Background



This preview shows how the Hex color 5B6BA0 looks on a white background.

Color Contrast Check

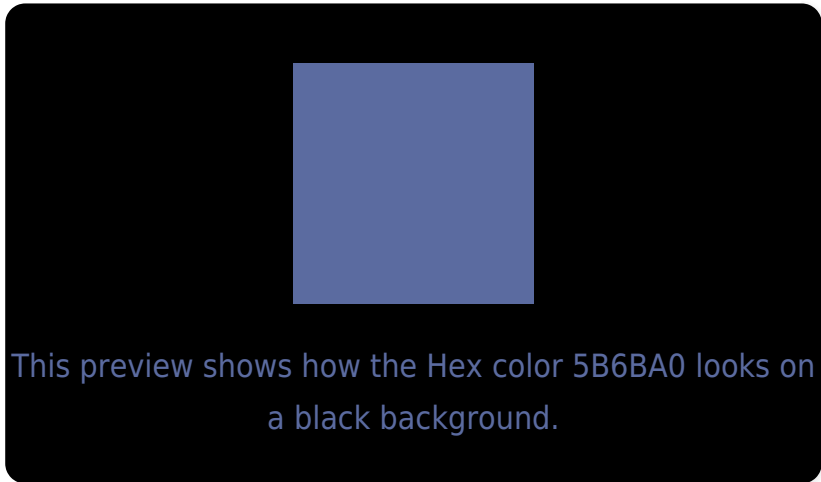
Large Text (above 18pt) WCAG AA ✓ Pass

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

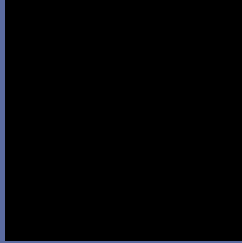
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

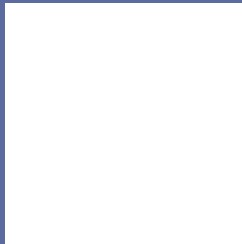
Any Text WCAG AAA × Fail

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

Hex 5B6BA0 Background



This preview shows how black text looks on a background with the Hex color 5B6BA0.



This preview shows how white text looks on a background with the Hex color 5B6BA0.

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
5B6BA0

Protanopia
5B6BA0

Deuteranopia
576CA0



Tritanopia
51727B

Trichromacy



Original Color
5B6BA0

Protanomaly
5B6BA0

Deuteranomaly
586CA0

Tritanomaly
556F88

Monochromacy



Original Color
5B6BA0

Achromatopsia
6C6C6C

Achromatomaly
666C7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6BA0 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 #5B6BA0 looks like.

```
.text, #text, p{  
    color:#5B6BA0  
}
```

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 #5B6BA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6BA0
}
```

Border

The CSS property to change the border of an element to Hex 5B6BA0 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
#5B6BA0 }
```

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

```
.border{ border-color:#5B6BA0 }
```

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

Here you see how a box with a 4 pixel #5B6BA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6BA0; -webkit-box-shadow:4px 4px  
4px 4px #5B6BA0; box-shadow:4px 4px 4px  
4px #5B6BA0 }
```

Background

The CSS property to change the background color of an element to Hex 5B6BA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6BA0 }
```

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

```
.background{ background-color:#5B6BA0 }
```

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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