

# Converting Colors

Hex(5A6AB0)

Have a look what the booklet for  
Hex(5A6AB0) contains.

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# Color

**Hex(5A6AB0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A6AB0
RGB	90, 106, 176
RGB Percent	35%, 42%, 69%
CMY	0.6471, 0.5843, 0.3098
CMYK	0.49, 0.40, 0.00, 0.31
HSL	229°, 35%, 52%
HSV	229°, 49%, 69%
XYZ	17.2070, 15.6163, 43.1816
YIQ	109.1960, -32.0060, 18.3780

# Conversions

## Conversions Part 2

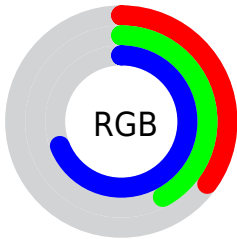
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	90, 103, 176
Decimal	5925552
CIE <sub>L</sub> ab	46.47, 13.60, -39.24
CIE <sub>L</sub> Ch	46, 41.528, 289.112
Yxy	15.6163, 0.2264, 0.2055
Android (android.graphics.Color)	4284115632 (0xFF5A6AB0)
YUV	109.1960, 32.9344, -16.8349
Hunter-Lab	39.5175, 8.5680, -37.1253

# Details

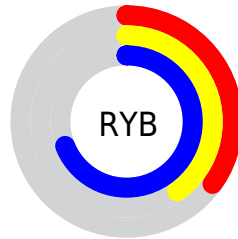
The Hex color **5A6AB0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B0A05A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **919DE8**, and **213B7B** is the 20% darker color. If you saturate the color by 10%, you get **485CB0**, and if you desaturate by 10%, it is **6C78B0**.

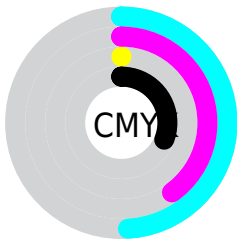
# Distribution



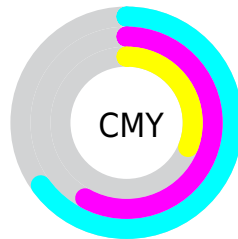
- Red (35%)
- Green (42%)
- Blue (69%)



- Red (35%)
- Yellow (40%)
- Blue (69%)



- Cyan (49%)
- Magenta (40%)
- Yellow (0%)
- Black (31%)



- Cyan (65%)
- Magenta (58%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A6AB0 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 5A6AB0 by changing the saturation by 10% instead.



■ 5A6AB0

■ 5A6AB0

FFFFFF

■ 3F5295

■ 919DE8

■ 213B7B

■ ACB8FF

■ 002662

■ C9D3FF

■ 001249

■ E6F0FF

■ 000432

■ 00021C

■ 000000

■ 5A6AB0

■ 5A6AB0

■ 485CB0

■ 6C78B0

■ 374DB0

■ 7D87B0

■ 253FB0

■ 8F95B0

■ 1431B0

■ A0A3B0

■ 0222B0

■ B2B2B0

■ 0021B0

■ C4C0B0

■ D5CEB0

■ E7DDB0

■ F8EBB0

# Harmonies

## Analogous

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



0076B2



5A6AB0



8C5C9C

# Triad

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



5A6AB0



A45B3B



007F60

# Complementary

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



5A6AB0



B0A05A

# 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.



437B3F



5A6AB0



8C6827

# Square

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



5A6AB0



AF5159



6C7328



007F84

# Rectangle

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



5A6AB0



A15488



6C7328



147E54



# Sweetspot

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



5A6AB0



C3C9E6



5AB09F



5E6273



F2F2F2



737373



# Same Dimension

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



5A6AB0



5E77E6



745AB0



505259



001C99



00051A



# Inverse Universe

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



B05A6A



E65E77



96B05A



595052



99001C

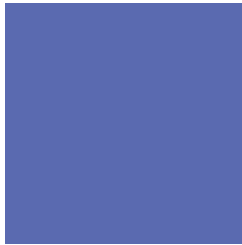


1A0005



# Previews

## White Background



This preview shows how the Hex color 5A6AB0 looks on a white background.

## Color Contrast Check

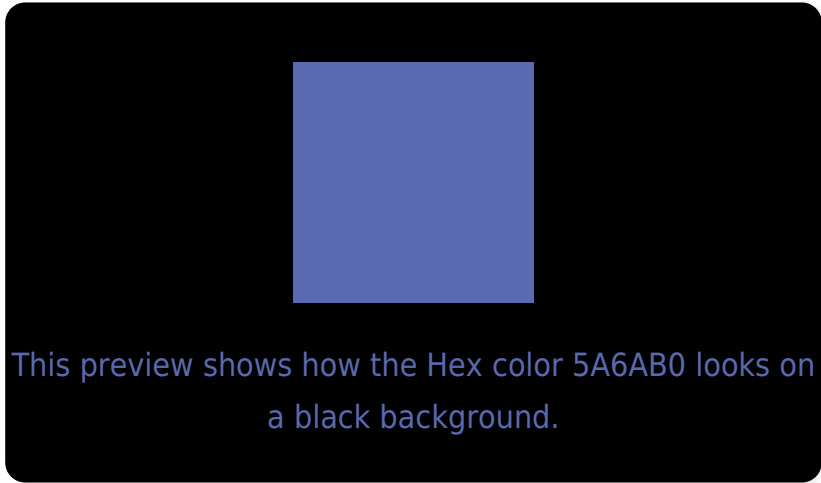
Large Text (above 18pt) WCAG AA ✓ Pass

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

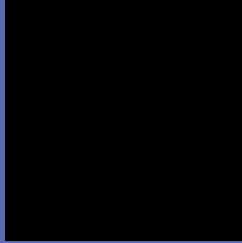
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A6AB0 Background



This preview shows how black text looks on a background with the Hex color 5A6AB0.

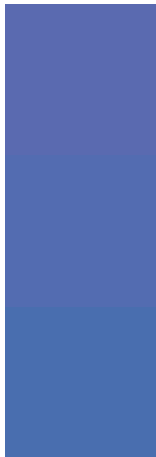


This preview shows how white text looks on a background with the Hex color 5A6AB0.

# 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**  
5A6AB0

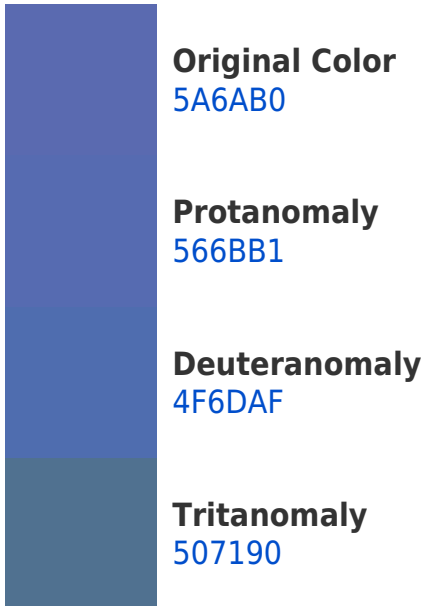
**Protanopia**  
536CB1

**Deuteranopia**  
496EAF



**Tritanopia**  
4B757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A6AB0 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 #5A6AB0 looks like.

```
.text, #text, p{  
    color:#5A6AB0  
}
```

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 #5A6AB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6AB0
}
```

## Border

The CSS property to change the border of an element to Hex 5A6AB0 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".

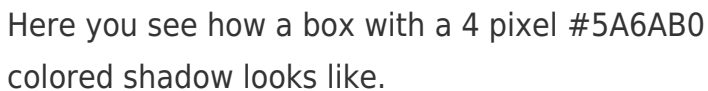
```
.border, #border, table{ border:4px solid
#5A6AB0 }
```

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

```
.border{ border-color:#5A6AB0 }
```

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

Here you see how a box with a 4 pixel #5A6AB0 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6AB0; -webkit-box-shadow:4px 4px  
4px 4px #5A6AB0; box-shadow:4px 4px 4px  
4px #5A6AB0 }
```

# Background

The CSS property to change the background color of an element to Hex 5A6AB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6AB0 }
```

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

```
.background{ background-color:#5A6AB0 }
```

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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