

# Converting Colors

Hex(5B6EB2)

Have a look what the booklet for  
Hex(5B6EB2) contains.

<b>Hex(5B6EB2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(5B6EB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B6EB2
RGB	91, 110, 178
RGB Percent	36%, 43%, 70%
CMY	0.6431, 0.5686, 0.3020
CMYK	0.49, 0.38, 0.00, 0.30
HSL	227°, 36%, 53%
HSV	227°, 49%, 70%
XYZ	17.9262, 16.5904, 44.3769
YIQ	112.0710, -33.1520, 17.1200

# Conversions

## Conversions Part 2

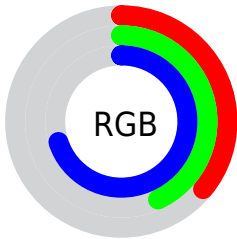
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	91, 107, 178
Decimal	5992114
CIE Lab	47.74, 12.00, -38.39
CIE LCh	48, 40.220, 287.357
Yxy	16.5904, 0.2272, 0.2103
Android (android.graphics.Color)	4284182194 (0xFF5B6EB2)
YUV	112.0710, 32.5030, -18.4793
Hunter-Lab	40.7313, 7.2797, -36.0849

# Details

The Hex color **5B6EB2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B29F5B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **92A1EA**, and **223F7D** is the 20% darker color. If you saturate the color by 10%, you get **4960B2**, and if you desaturate by 10%, it is **6D7CB2**.

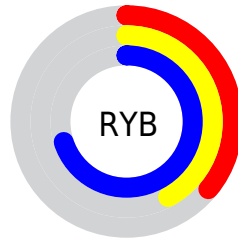
# Distribution



Red (36%)

Green (43%)

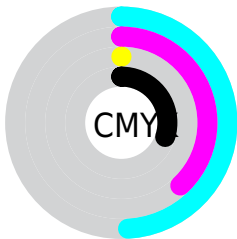
Blue (70%)



Red (36%)

Yellow (42%)

Blue (70%)

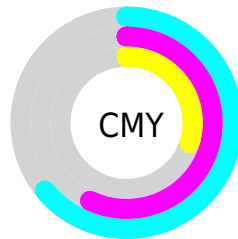


Cyan (49%)

Magenta (38%)

Yellow (0%)

Black (30%)



Cyan (64%)

Magenta (57%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B6EB2 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 5B6EB2 by changing the saturation by 10% instead.





5B6EB2



5B6EB2

FFFFFF



405697



92A1EA



223F7D



ADBCFF



002964



CAD8FF



00164B



E7F4FF



000334



00021E



000000



5B6EB2



5B6EB2



4960B2



6D7CB2

■ 3752B2

■ 7F8AB2

■ 2644B2

■ 9098B2

■ 1436B2

■ A2A6B2

■ 0228B2

■ B4B4B2

■ 0027B2

■ C6C1B2

■ D8CFB2

■ E9DDB2

■ FBEBB2

# Harmonies

## Analogous

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



0079B3



5B6EB2



8D60A0

# Triad

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



5B6EB2



A75E41



008161

# Complementary

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



5B6EB2



B29F5B

# 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.



4B7D41



5B6EB2



916A2D

# Square

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



5B6EB2



B1555F



72762D



008284

# Rectangle

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



5B6EB2



A1598C



72762D



258056



# Sweetspot

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



5B6EB2



C5CDE8



5BB29E



606575



F5F5F5



757575



# Same Dimension

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



5B6EB2



5F7DE8



725BB2



505259



002199



00061A



# Inverse Universe

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



B25B6E



E85F7D



9BB25B



595052



990021

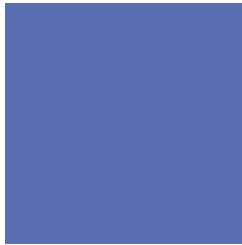


1A0006



# Previews

## White Background



This preview shows how the Hex color 5B6EB2 looks on a white background.

## Color Contrast Check

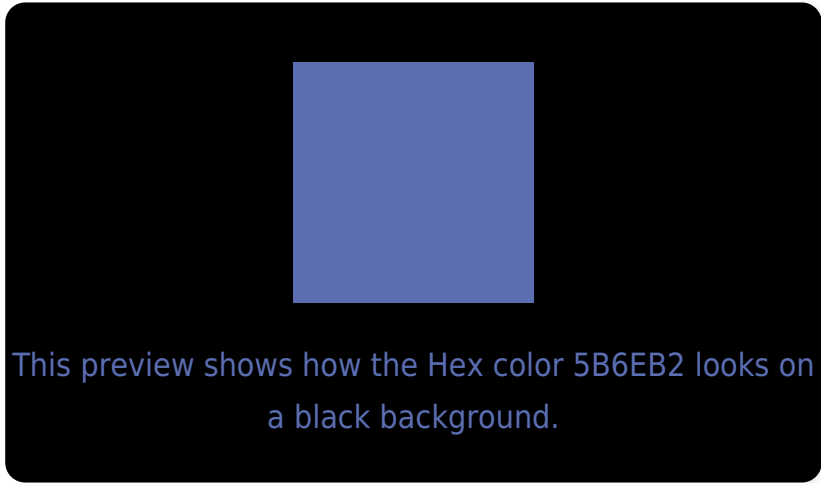
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B6EB2 Background



This preview shows how black text looks on a background with the Hex color 5B6EB2.



This preview shows how white text looks on a background with the Hex color 5B6EB2.

# 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**  
5B6EB2

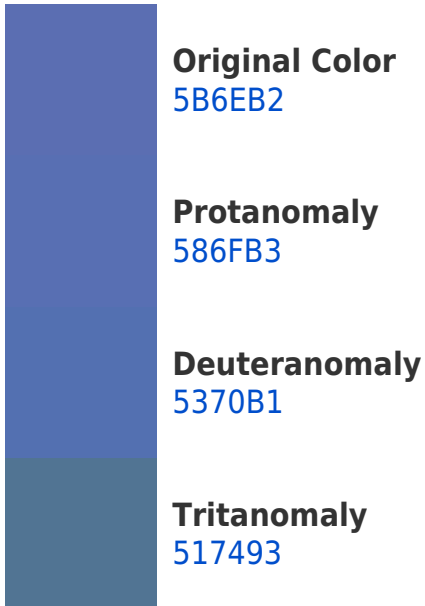
**Protanopia**  
576FB3

**Deuteranopia**  
4E71B1



**Tritanopia**  
4C7882

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B6EB2 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 #5B6EB2 looks like.

```
.text, #text, p{  
    color:#5B6EB2  
}
```

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 #5B6EB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6EB2
}
```

## Border

The CSS property to change the border of an element to Hex 5B6EB2 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
#5B6EB2 }
```

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

```
.border{ border-color:#5B6EB2 }
```

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

Here you see how a box with a 4 pixel #5B6EB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6EB2; -webkit-box-shadow:4px 4px  
4px 4px #5B6EB2; box-shadow:4px 4px 4px  
4px #5B6EB2 }
```

# Background

The CSS property to change the background color of an element to Hex 5B6EB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6EB2 }
```

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

```
.background{ background-color:#5B6EB2 }
```

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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