

# Converting Colors

Hex(5F6EB3)

Have a look what the booklet for  
Hex(5F6EB3) contains.

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# Color

**Hex(5F6EB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F6EB3
RGB	95, 110, 179
RGB Percent	37%, 43%, 70%
CMY	0.6275, 0.5686, 0.2980
CMYK	0.47, 0.39, 0.00, 0.30
HSL	229°, 36%, 54%
HSV	229°, 47%, 70%
XYZ	18.4319, 16.8394, 44.9267
YIQ	113.3810, -31.0890, 18.2790

# Conversions

## Conversions Part 2

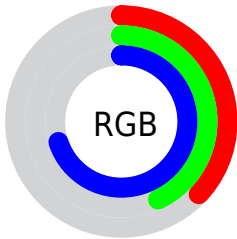
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 108, 179
Decimal	6254259
CIE <sub>Lab</sub>	48.06, 13.30, -38.45
CIE <sub>LCh</sub>	48, 40.687, 289.083
Yxy	16.8394, 0.2298, 0.2100
Android (android.graphics.Color)	4284444339 (0xFF5F6EB3)
YUV	113.3810, 32.3502, -16.1201
Hunter-Lab	41.0359, 8.3634, -36.1865

# Details

The Hex color **5F6EB3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B3A45F**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **95A1EB**, and **283F7E** is the 20% darker color. If you saturate the color by 10%, you get **4D5FB3**, and if you desaturate by 10%, it is **717DB3**.

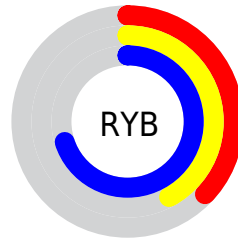
# Distribution



Red (37%)

Green (43%)

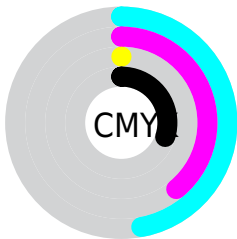
Blue (70%)



Red (37%)

Yellow (42%)

Blue (70%)

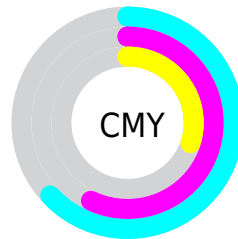


Cyan (47%)

Magenta (39%)

Yellow (0%)

Black (30%)



Cyan (63%)

Magenta (57%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F6EB3 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 5F6EB3 by changing the saturation by 10% instead.



■ 5F6EB3

■ 5F6EB3

FFFFFF

■ 445698

■ 95A1EB

■ 283F7E

■ B1BCFF

■ 002964

■ CED8FF

■ 00164C

■ EBF4FF

■ 000135

■ 00021F

■ 000002

■ 000000

■ 5F6EB3

■ 5F6EB3

■ 4D5FB3

■ 717DB3

■ 3B51B3

■ 838BB3

■ 2942B3

■ 959AB3

■ 1733B3

■ A7A9B3

■ 0624B3

■ B9B8B3

■ 0020B3

■ CAC6B3

■ DCD5B3

■ EEE4B3

■ FFF2B3

# Harmonies

## Analogous

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



0079B5



5F6EB3



90609F

# Triad

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



5F6EB3



A85F3F



008264

# Complementary

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



5F6EB3



B3A45F

# 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.



487E43



5F6EB3



906C2D

# Square

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



5F6EB3



B2555E



70772E



008387

# Rectangle

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



5F6EB3



A4588B



70772E



1F8258



# Sweetspot

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



5F6EB3



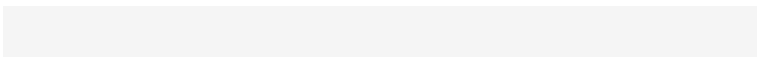
C8CDE8



5FB3A4



616575



F5F5F5



757575



# Same Dimension

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



5F6EB3



667DE8



7A5FB3



505259



001B99



00051A



# Inverse Universe

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



B35F6E



E8667D



98B35F



595052



99001B

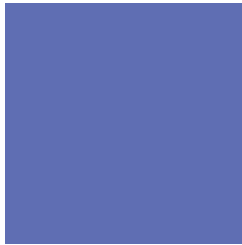


1A0005



# Previews

## White Background



This preview shows how the Hex color 5F6EB3 looks on a white background.

## Color Contrast Check

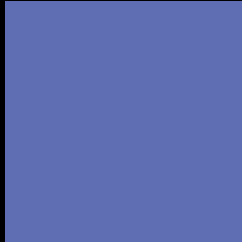
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 5F6EB3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

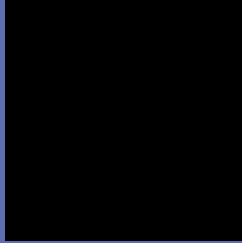
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F6EB3 Background



This preview shows how black text looks on a background with the Hex color 5F6EB3.

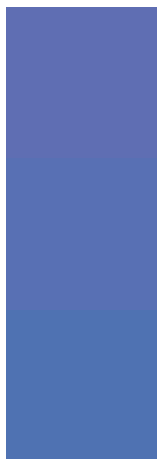


This preview shows how white text looks on a background with the Hex color 5F6EB3.

# 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**  
5F6EB3

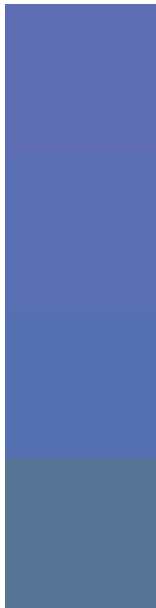
**Protanopia**  
5870B4

**Deuteranopia**  
4F72B2



**Tritanopia**  
517882

# Trichromacy



**Original Color**  
5F6EB3

**Protanomaly**  
5B6FB4

**Deuteranomaly**  
5571B2

**Tritanomaly**  
567494

# Monochromacy



**Original Color**  
5F6EB3

**Achromatopsia**  
717171

**Achromatomaly**  
6A7089

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F6EB3 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 #5F6EB3 looks like.

```
.text, #text, p{  
    color:#5F6EB3  
}
```

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 #5F6EB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6EB3
}
```

## Border

The CSS property to change the border of an element to Hex 5F6EB3 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
#5F6EB3 }
```

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

```
.border{ border-color:#5F6EB3 }
```

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

Here you see how a box with a 4 pixel #5F6EB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6EB3; -webkit-box-shadow:4px 4px  
4px 4px #5F6EB3; box-shadow:4px 4px 4px  
4px #5F6EB3 }
```

# Background

The CSS property to change the background color of an element to Hex 5F6EB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6EB3 }
```

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

```
.background{ background-color:#5F6EB3 }
```

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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