

# Converting Colors

Hex(5F7AB5)

Have a look what the booklet for  
Hex(5F7AB5) contains.

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# Color

Hex(5F7AB5)

# Conversions

## Conversions Part 1

Format	Color
Hex	5F7AB5
RGB	95, 122, 181
RGB Percent	37%, 48%, 71%
CMY	0.6275, 0.5216, 0.2902
CMYK	0.48, 0.33, 0.00, 0.29
HSL	221°, 37%, 54%
HSV	221°, 48%, 71%
XYZ	20.0193, 19.6882, 46.4611
YIQ	120.6530, -35.0310, 12.6250

# Conversions

## Conversions Part 2

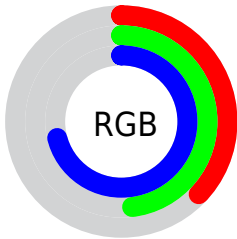
<b>Format</b>	<b>Color</b>
RYP	95, 116, 181
Decimal	6257333
CIELab	51.48, 6.62, -34.22
CIElCh	51, 34.855, 280.944
Yxy	19.6882, 0.2323, 0.2285
Android (android.graphics.Color)	4284447413 (0xFF5F7AB5)
YUV	120.6530, 29.7511, -22.4977
Hunter-Lab	44.3713, 2.8853, -31.0225

# Details

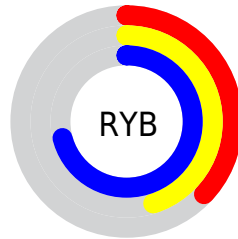
The Hex color **5F7AB5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B59A5F**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **95AEED**, and **284A80** is the 20% darker color. If you saturate the color by 10%, you get **4D6EB5**, and if you desaturate by 10%, it is **7186B5**.

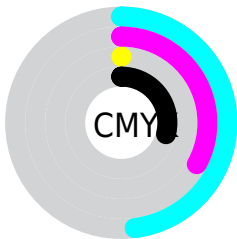
# Distribution



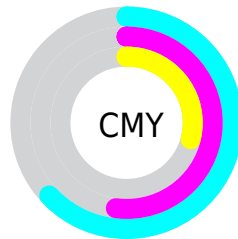
- Red (37%)
- Green (48%)
- Blue (71%)



- Red (37%)
- Yellow (45%)
- Blue (71%)



- Cyan (48%)
- Magenta (33%)
- Yellow (0%)
- Black (29%)



- Cyan (63%)
- Magenta (52%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F7AB5 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 5F7AB5 by changing the saturation by 10% instead.



■ 5F7AB5

■ 5F7AB5

FFFFFF

■ 44619A

■ 95AEED

■ 284A80

■ B1C9FF

■ 003366

■ CEE6FF

■ 001F4E

■ EBFFFF

■ 000537

■ 000221

■ 000006

■ 000000

■ 5F7AB5

■ 5F7AB5

■ 4D6EB5

■ 7186B5

■ 3B61B5

■ 8393B5

■ 2955B5

■ 959FB5

■ 1748B5

■ A7ACB5

■ 053CB5

■ BAB8B5

■ 0039B5

■ CCC5B5

■ DED1B5

■ F0DDB5

■ FFEAB5

# Harmonies

## Analogous

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



1983B2



5F7AB5



8C6FA8

# Triad

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



5F7AB5



AF6855



3A8966

# Complementary

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



5F7AB5



B59A5F

# 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.



62844C



5F7AB5



9D7242

# Square

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



5F7AB5



B46371



837C3F



008A85

# Rectangle

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



5F7AB5



A16898



837C3F



49885D



# Sweetspot

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



5F7AB5



CAD4EB



5FB59A



616875



F5F5F5



757575



# Same Dimension

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



5F7AB5



658FEB



6F5FB5



505359



003099



00081A



# Inverse Universe

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



B55F7A



EB658F



A5B55F



595053



990030



1A0008



# Previews

## White Background



This preview shows how the Hex color 5F7AB5 looks on a white background.

## Color Contrast Check

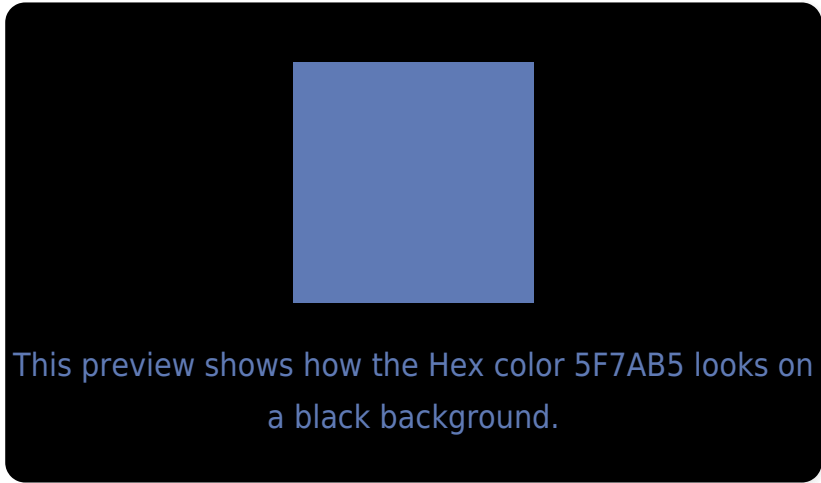
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

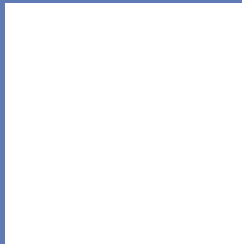
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5F7AB5 Background



This preview shows how black text looks on a background with the Hex color 5F7AB5.

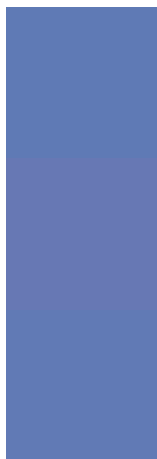


This preview shows how white text looks on a background with the Hex color 5F7AB5.

# 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**  
5F7AB5

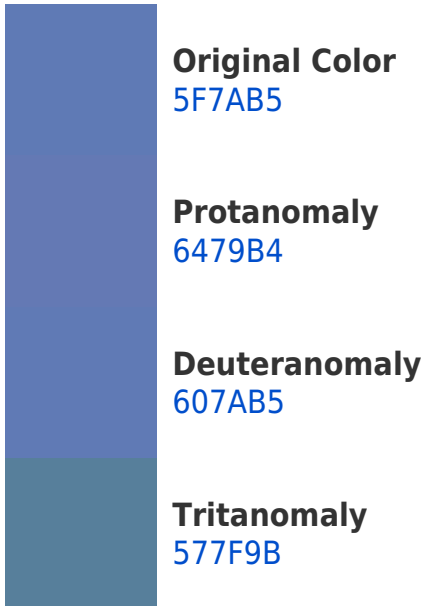
**Protanopia**  
6778B4

**Deuteranopia**  
617AB5



**Tritanopia**  
53828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F7AB5 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 #5F7AB5 looks like.

```
.text, #text, p{  
    color:#5F7AB5  
}
```

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 #5F7AB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7AB5
}
```

## Border

The CSS property to change the border of an element to Hex 5F7AB5 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
#5F7AB5 }
```

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

```
.border{ border-color:#5F7AB5 }
```

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

Here you see how a box with a 4 pixel #5F7AB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7AB5; -webkit-box-shadow:4px 4px  
4px 4px #5F7AB5; box-shadow:4px 4px 4px  
4px #5F7AB5 }
```

# Background

The CSS property to change the background color of an element to Hex 5F7AB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7AB5 }
```

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

```
.background{ background-color:#5F7AB5 }
```

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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