

# Converting Colors

Hex(5F76A9)

Have a look what the booklet for  
Hex(5F76A9) contains.

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# Color

**Hex(5F76A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F76A9
RGB	95, 118, 169
RGB Percent	37%, 46%, 66%
CMY	0.6275, 0.5373, 0.3373
CMYK	0.44, 0.30, 0.00, 0.34
HSL	221°, 30%, 52%
HSV	221°, 44%, 66%
XYZ	18.3592, 18.2543, 40.0919
YIQ	116.9370, -30.0790, 10.9850

# Conversions

## Conversions Part 2

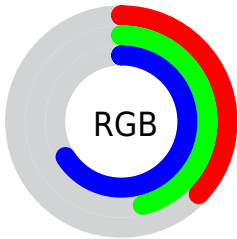
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 113, 169
Decimal	6256297
CIE Lab	49.80, 5.39, -29.90
CIE LCh	50, 30.378, 280.229
Yxy	18.2543, 0.2393, 0.2380
Android (android.graphics.Color)	4284446377 (0xFF5F76A9)
YUV	116.9370, 25.6671, -19.2387
Hunter-Lab	42.7251, 1.9334, -25.7284

# Details

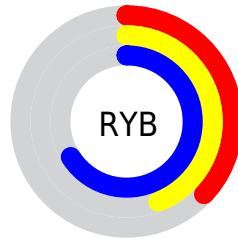
The Hex color **5F76A9** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A9925F**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **94AAE0**, and **2A4675** is the 20% darker color. If you saturate the color by 10%, you get **4E6AA9**, and if you desaturate by 10%, it is **7082A9**.

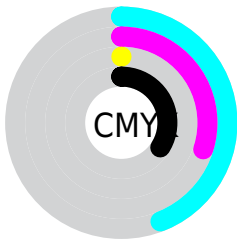
# Distribution



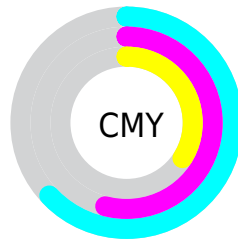
- Red (37%)
- Green (46%)
- Blue (66%)



- Red (37%)
- Yellow (44%)
- Blue (66%)



- Cyan (44%)
- Magenta (30%)
- Yellow (0%)
- Black (34%)



- Cyan (63%)
- Magenta (54%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F76A9 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 5F76A9 by changing the saturation by 10% instead.



■ 5F76A9

■ 5F76A9

FFFFFF

■ 455D8E

■ 94AAE0

■ 2A4675

■ B0C5FD

■ 0A305C

■ CCE1FF

■ 001C44

■ E9FEFF

■ 00002E

■ 000118

■ 000000

■ 5F76A9

■ 5F76A9

■ 4E6AA9

■ 7082A9

■ 3D5FA9

■ 818DA9

■ 2C53A9

■ 9299A9

■ 1B47A9

■ A3A5A9

■ 0B3CA9

■ B3B0A9

■ 0035A9

■ C4BCA9

■ D5C8A9

■ E6D3A9

■ F7DFA9

# Harmonies

## Analogous

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



2F7EA6



5F76A9



856C9E

# Triad

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



5F76A9



A56756



418364

# Complementary

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



5F76A9



A9925F

# 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.



627F4E



5F76A9



966F46

# Square

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



5F76A9



A8626E



7F7843



16847F

# Rectangle

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



5F76A9



976790



7F7843



4D825C



# Sweetspot

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



5F76A9



BFC8DB



5FA992



5C626E



EDEDED



6E6E6E



# Same Dimension

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



5F76A9



678BDB



6D5FA9



4C4E54



002E94



000614



# Inverse Universe

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



A95F76



DB678B



9BA95F



544C4E



94002E

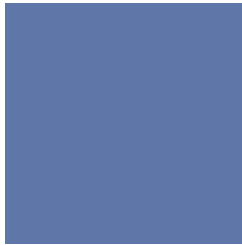


140006



# Previews

## White Background



This preview shows how the Hex color 5F76A9 looks on a white background.

## Color Contrast Check

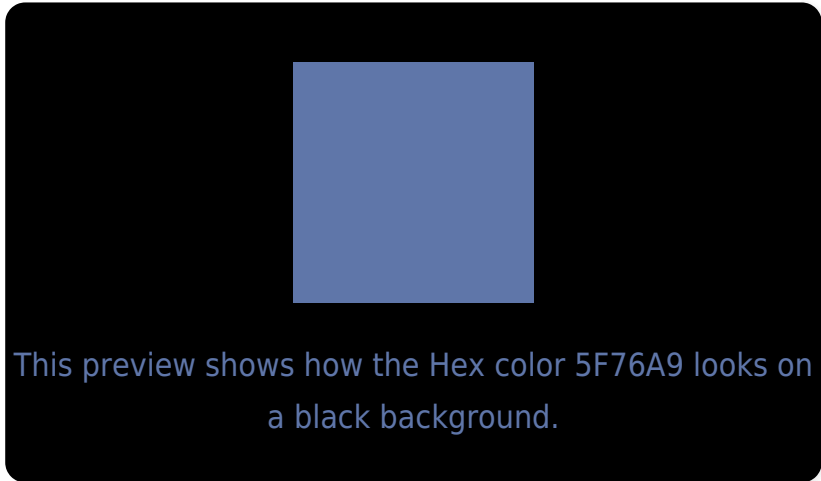
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

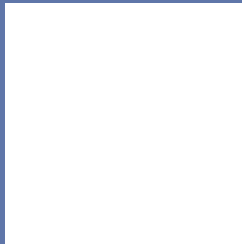
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5F76A9 Background



This preview shows how black text looks on a background with the Hex color 5F76A9.

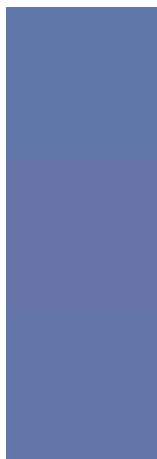


This preview shows how white text looks on a background with the Hex color 5F76A9.

# 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**

5F76A9

**Protanopia**

6674A8

**Deuteranopia**

6375A9



**Tritanopia**  
567D87

# Trichromacy



**Original Color**  
5F76A9

**Protanomaly**  
6375A8

**Deuteranomaly**  
6275A9

**Tritanomaly**  
597A93

# Monochromacy



**Original Color**  
5F76A9

**Achromatopsia**  
757575

**Achromatomaly**  
6D7588

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F76A9 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 #5F76A9 looks like.

```
.text, #text, p{  
    color:#5F76A9  
}
```

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 #5F76A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F76A9
}
```

## Border

The CSS property to change the border of an element to Hex 5F76A9 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
#5F76A9 }
```

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

```
.border{ border-color:#5F76A9 }
```

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

Here you see how a box with a 4 pixel #5F76A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F76A9; -webkit-box-shadow:4px 4px  
4px 4px #5F76A9; box-shadow:4px 4px 4px  
4px #5F76A9 }
```

# Background

The CSS property to change the background color of an element to Hex 5F76A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F76A9 }
```

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

```
.background{ background-color:#5F76A9 }
```

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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