

# Converting Colors

Hex(5F6190)

Have a look what the booklet for  
Hex(5F6190) contains.

<b>Hex(5F6190)</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(5F6190)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F6190
RGB	95, 97, 144
RGB Percent	37%, 38%, 56%
CMY	0.6275, 0.6196, 0.4353
CMYK	0.34, 0.33, 0.00, 0.44
HSL	238°, 21%, 47%
HSV	238°, 34%, 56%
XYZ	14.0281, 12.9959, 28.1547
YIQ	101.7600, -16.2790, 14.1930

# Conversions

## Conversions Part 2

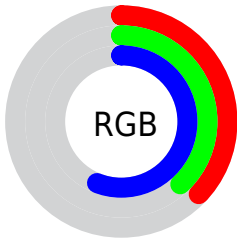
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 97, 144
Decimal	6250896
CIE Lab	42.76, 10.97, -26.11
CIE LCh	43, 28.323, 292.791
Yxy	12.9959, 0.2542, 0.2355
Android (android.graphics.Color)	4284440976 (0xFF5F6190)
YUV	101.7600, 20.8243, -5.9285
Hunter-Lab	36.0498, 6.3724, -21.0702

# Details

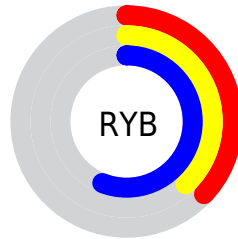
The Hex color **5F6190** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **908E5F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9394C6**, and **2E335D** is the 20% darker color. If you saturate the color by 10%, you get **515390**, and if you desaturate by 10%, it is **6D6F90**.

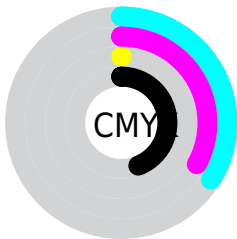
# Distribution



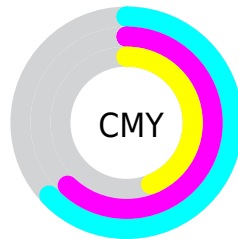
- Red (37%)
- Green (38%)
- Blue (56%)



- Red (37%)
- Yellow (38%)
- Blue (56%)



- Cyan (34%)
- Magenta (33%)
- Yellow (0%)
- Black (44%)



- Cyan (63%)
- Magenta (62%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F6190 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 5F6190 by changing the saturation by 10% instead.



■ 5F6190

■ 5F6190

FFFFFF

■ 464976

■ 9394C6

■ 2E335D

■ AEAEE2

■ 151E45

■ CAC9FF

■ 00052F

■ E6E6FF

■ 00011A

■ 000000

■ 5F6190

■ 5F6190

■ 515390

■ 6D6F90

■ 424590

■ 7C7D90

■ 343890

■ 8A8A90

■ 252A90

■ 999890

■ 171C90

■ A7A690

■ 090E90

■ B5B490

■ 000690

■ C4C290

■ D2CF90

■ E1DD90

# Harmonies

## Analogous

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



366993



5F6190



7D5881

# Triad

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



5F6190



8A5941



25715E

# Complementary

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



5F6190



908E5F

# 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.



476E48



5F6190



796236

# Square

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



5F6190



925354



626939



007176

# Rectangle

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



5F6190



8A5473



626939



317056



# Sweetspot

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



5F6190



A8A8BA



5F908E



53535E



DEDEDE



5E5E5E



# Same Dimension

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



5F6190



6E71BA



755F90



404147



000687



000008



# Inverse Universe

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



905F61



BA6E71



7A905F



474041



870006

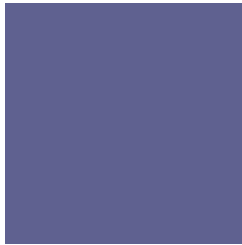


080000



# Previews

## White Background



This preview shows how the Hex color 5F6190 looks on a white background.

## Color Contrast Check

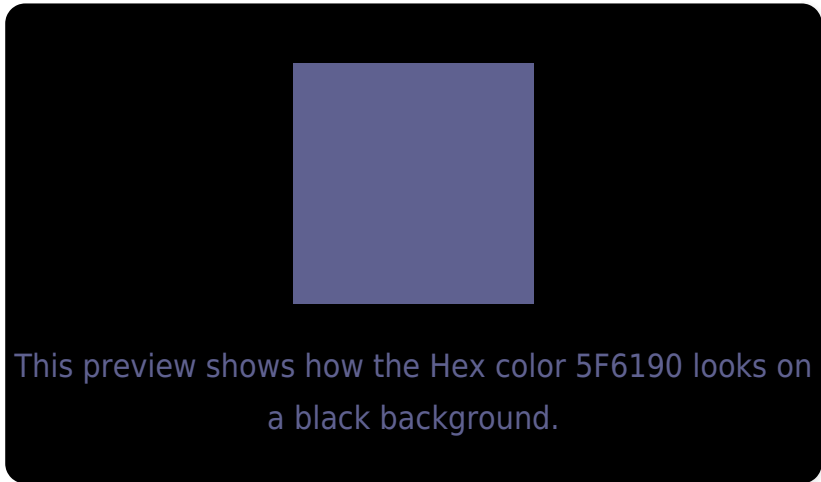
Large Text (above 18pt) WCAG AA ✓ Pass

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

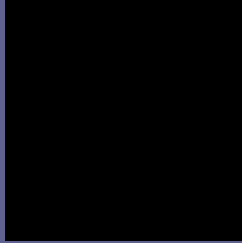
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F6190 Background



This preview shows how black text looks on a background with the Hex color 5F6190.



This preview shows how white text looks on a background with the Hex color 5F6190.

# 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**  
5F6190

**Protanopia**  
566392

**Deuteranopia**  
55648F



**Tritanopia**  
586770

# Trichromacy



**Original Color**  
5F6190

**Protanomaly**  
596291

**Deuteranomaly**  
59638F

**Tritanomaly**  
5B657C

# Monochromacy



**Original Color**  
5F6190

**Achromatopsia**  
666666

**Achromatomaly**  
636475

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F6190 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 #5F6190 looks like.

```
.text, #text, p{  
    color:#5F6190  
}
```

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 #5F6190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6190
}
```

## Border

The CSS property to change the border of an element to Hex 5F6190 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
#5F6190 }
```

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

```
.border{ border-color:#5F6190 }
```

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

Here you see how a box with a 4 pixel #5F6190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6190; -webkit-box-shadow:4px 4px  
4px 4px #5F6190; box-shadow:4px 4px 4px  
4px #5F6190 }
```

# Background

The CSS property to change the background color of an element to Hex 5F6190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6190 }
```

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

```
.background{ background-color:#5F6190 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor