

# Converting Colors

Hex(5F608F)

Have a look what the booklet for  
Hex(5F608F) contains.

<b>Hex(5F608F)</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(5F608F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F608F
RGB	95, 96, 143
RGB Percent	37%, 38%, 56%
CMY	0.6275, 0.6235, 0.4392
CMYK	0.34, 0.33, 0.00, 0.44
HSL	239°, 20%, 47%
HSV	239°, 34%, 56%
XYZ	13.8601, 12.7818, 27.7232
YIQ	101.0590, -15.6830, 14.4050

# Conversions

## Conversions Part 2

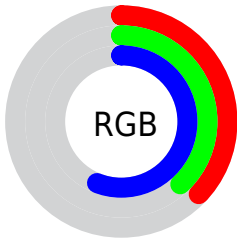
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 96, 143
Decimal	6250639
CIELab	42.43, 11.31, -26.02
CIELCh	42, 28.369, 293.498
Yxy	12.7818, 0.2549, 0.2351
Android (android.graphics.Color)	4284440719 (0xFF5F608F)
YUV	101.0590, 20.6769, -5.3137
Hunter-Lab	35.7517, 6.6350, -20.9496

# Details

The Hex color **5F608F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8F8E5F**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9392C5**, and **2E325C** is the 20% darker color. If you saturate the color by 10%, you get **51528F**, and if you desaturate by 10%, it is **6D6E8F**.

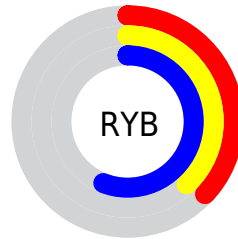
# Distribution



Red (37%)

Green (38%)

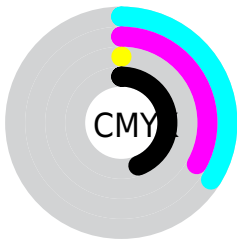
Blue (56%)



Red (37%)

Yellow (38%)

Blue (56%)

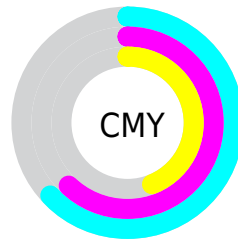


Cyan (34%)

Magenta (33%)

Yellow (0%)

Black (44%)



Cyan (63%)

Magenta (62%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F608F 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 5F608F by changing the saturation by 10% instead.





5F608F



5F608F

FFFFFF



464875



9392C5



2E325C



AEADE1



161D45



CAC8FE



00032E



E6E4FF



000119



000000



5F608F



5F608F



51528F



6D6E8F



42448F



7C7C8F

■ 34368F

■ 8A8A8F

■ 26288F

■ 98988F

■ 171A8F

■ A7A68F

■ 090C8F

■ B5B48F

■ 00038F

■ C3C28F

■ D1D08F

■ E0DE8F

# Harmonies

## Analogous

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



366892



5F608F



7D5780

# Triad

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



5F608F



89593F



22705E

# Complementary

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



5F608F



8F8E5F

# 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.



456E47



5F608F



786135

# Square

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



5F608F



915353



606838



007076

# Rectangle

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



5F608F



895372



606838



2F7056



# Sweetspot

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



5F608F



A8A8BA



5F8F8D



53535E



DEDEDE



5E5E5E



# Same Dimension

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



5F608F



7071BA



755F8F



404047



000387



000008



# Inverse Universe

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



8F5F60



BA7071



798F5F



474040



870003

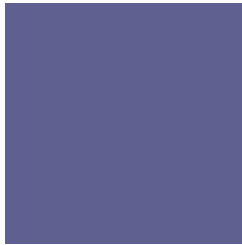


080000



# Previews

## White Background



This preview shows how the Hex color 5F608F looks on a white background.

## Color Contrast Check

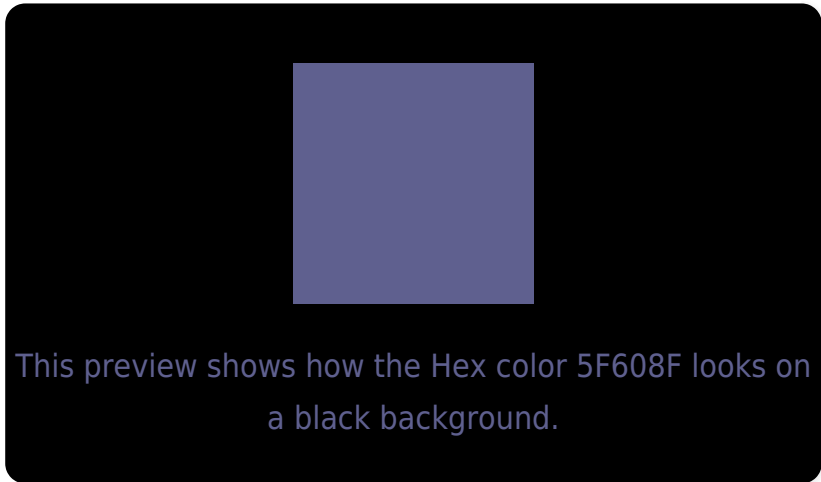
Large Text (above 18pt) WCAG AA ✓ Pass

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

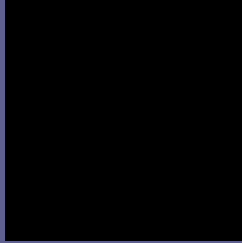
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F608F Background



This preview shows how black text looks on a background with the Hex color 5F608F.



This preview shows how white text looks on a background with the Hex color 5F608F.

# 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](#).

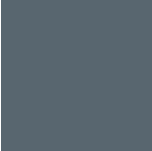
## Dichromacy



**Original Color**  
5F608F

**Protanopia**  
556391

**Deuteranopia**  
54638E



**Tritanopia**  
58666F

# Trichromacy



**Original Color**  
5F608F

**Protanomaly**  
596290

**Deuteranomaly**  
58628E

**Tritanomaly**  
5B647B

# Monochromacy



**Original Color**  
5F608F

**Achromatopsia**  
656565

**Achromatomaly**  
636374

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F608F 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 #5F608F looks like.

```
.text, #text, p{  
    color:#5F608F  
}
```

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 #5F608F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F608F
}
```

## Border

The CSS property to change the border of an element to Hex 5F608F 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
#5F608F }
```

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

```
.border{ border-color:#5F608F }
```

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

Here you see how a box with a 4 pixel #5F608F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F608F; -webkit-box-shadow:4px 4px  
4px 4px #5F608F; box-shadow:4px 4px 4px  
4px #5F608F }
```

# Background

The CSS property to change the background color of an element to Hex 5F608F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F608F }
```

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

```
.background{ background-color:#5F608F }
```

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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