

# Converting Colors

Hex(5F6A6C)

Have a look what the booklet for  
Hex(5F6A6C) contains.

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# Color

**Hex(5F6A6C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F6A6C
RGB	95, 106, 108
RGB Percent	37%, 42%, 42%
CMY	0.6275, 0.5843, 0.5765
CMYK	0.12, 0.02, 0.00, 0.58
HSL	189°, 6%, 40%
HSV	189°, 12%, 42%
XYZ	12.5801, 13.8237, 16.1925
YIQ	102.9390, -7.1980, -1.7100

# Conversions

## Conversions Part 2

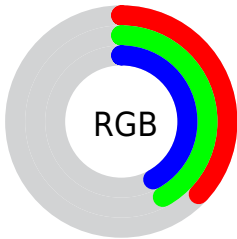
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 101, 108
Decimal	6253164
CIE Lab	43.98, -3.72, -2.55
CIE LCh	44, 4.509, 214.434
Yxy	13.8237, 0.2953, 0.3245
Android (android.graphics.Color)	4284443244 (0xFF5F6A6C)
YUV	102.9390, 2.4951, -6.9625
Hunter-Lab	37.1802, -4.6689, 0.2044

# Details

The Hex color **5F6A6C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C615F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **929D9F**, and **313B3D** is the 20% darker color. If you saturate the color by 10%, you get **54686C**, and if you desaturate by 10%, it is **6A6C6C**.

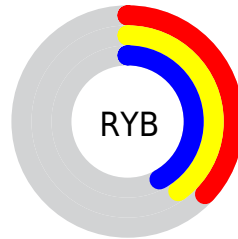
# Distribution



Red (37%)

Green (42%)

Blue (42%)



Red (37%)

Yellow (40%)

Blue (42%)

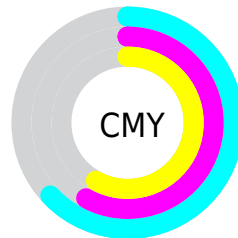


Cyan (12%)

Magenta (2%)

Yellow (0%)

Black (58%)



Cyan (63%)

Magenta (58%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F6A6C 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 5F6A6C by changing the saturation by 10% instead.





5F6A6C



5F6A6C

FFFFFF



475254



929D9F



313B3D



ACB8BA



1C2527



C7D4D6



021012



E4F0F2



000000



5F6A6C



5F6A6C



54686C



6A6C6C



49676C



756D6C



3F656C



7F6F6C

■ 34636C

■ 8A716C

■ 29626C

■ 95726C

■ 1E606C

■ A0746C

■ 135E6C

■ AB766C

■ 095D6C

■ B5776C

■ 005B6C

■ C0796C

# Harmonies

## Analogous

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



5F6A68



5F6A6C



61696F

# Triad

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



5F6A6C



6D666B



6B6861

# Complementary

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



5F6A6C



6C615F

# 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.



6E6761



5F6A6C



706567

# Square

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



5F6A6C



69676E



706664



666962

# Rectangle

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



5F6A6C



63686F



706664



6C6761



# Sweetspot

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



5F6A6C



878B8C



5F6C61



444747



C7C7C7



474747



# Same Dimension

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



5F6A6C



79898C



5F646C



303536



006375



00CFF5



# Inverse Universe

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



6C5F6A



8C7989



6C675F



363035



750063



F500CF



# Previews

## White Background



This preview shows how the Hex color 5F6A6C looks on a white background.

## Color Contrast Check

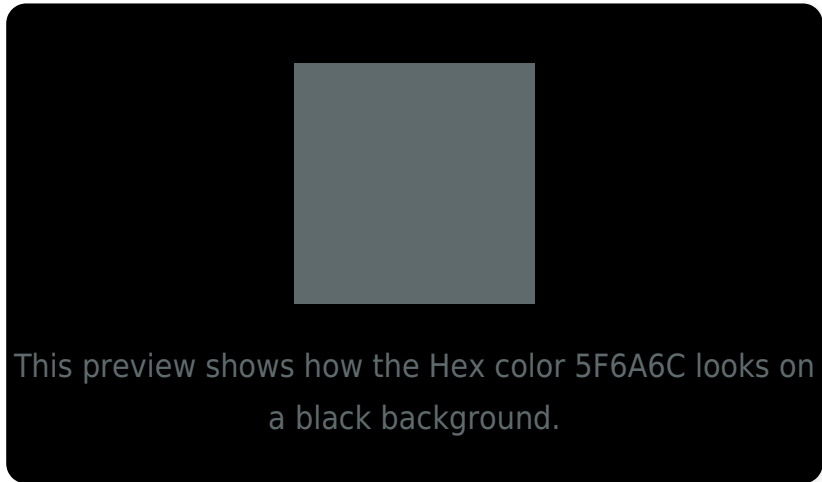
Large Text (above 18pt) WCAG AA ✓ Pass

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

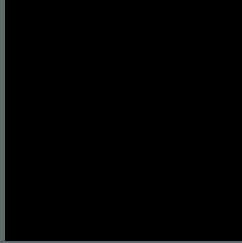
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

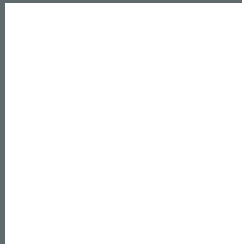
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5F6A6C Background



This preview shows how black text looks on a background with the Hex color 5F6A6C.



This preview shows how white text looks on a background with the Hex color 5F6A6C.

# 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](#).

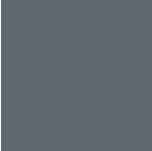
## Dichromacy



**Original Color**  
5F6A6C

**Protanopia**  
69676A

**Deuteranopia**  
6F656D



**Tritanopia**  
606971

# Trichromacy



**Original Color**

5F6A6C

**Protanomaly**

65686B

**Deuteranomaly**

69676D

**Tritanomaly**

60696F

# Monochromacy



**Original Color**

5F6A6C

**Achromatopsia**

676767

**Achromatomaly**

646869

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F6A6C 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 #5F6A6C looks like.

```
.text, #text, p{  
    color:#5F6A6C  
}
```

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 #5F6A6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6A6C
}
```

## Border

The CSS property to change the border of an element to Hex 5F6A6C is called "border". The border property can be set on classes, ids or directly on the HTML element.

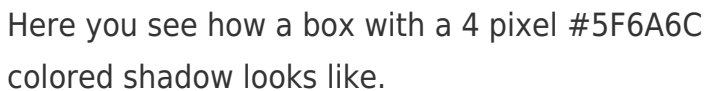
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F6A6C }
```

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

```
.border{ border-color:#5F6A6C }
```

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



Here you see how a box with a 4 pixel #5F6A6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6A6C; -webkit-box-shadow:4px 4px  
4px 4px #5F6A6C; box-shadow:4px 4px 4px  
4px #5F6A6C }
```

# Background

The CSS property to change the background color of an element to Hex 5F6A6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6A6C }
```

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

```
.background{ background-color:#5F6A6C }
```

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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