

# Converting Colors

Hex(5F6E76)

Have a look what the booklet for  
Hex(5F6E76) contains.

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# Color

**Hex(5F6E76)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F6E76
RGB	95, 110, 118
RGB Percent	37%, 43%, 46%
CMY	0.6275, 0.5686, 0.5373
CMYK	0.19, 0.07, 0.00, 0.54
HSL	201°, 11%, 42%
HSV	201°, 19%, 46%
XYZ	13.5653, 14.8928, 19.2992
YIQ	106.4270, -11.5080, -0.6920

# Conversions

## Conversions Part 2

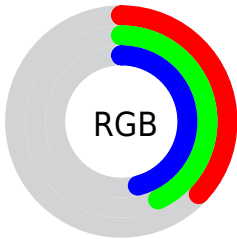
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 104, 118
Decimal	6254198
CIE Lab	45.49, -3.73, -6.33
CIE LCh	45, 7.352, 239.480
Yxy	14.8928, 0.2840, 0.3118
Android (android.graphics.Color)	4284444278 (0xFF5F6E76)
YUV	106.4270, 5.7055, -10.0215
Hunter-Lab	38.5911, -4.7896, -2.6367

# Details

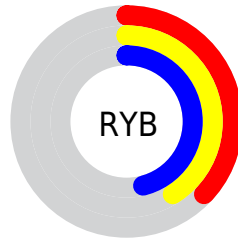
The Hex color **5F6E76** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76675F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **92A2AA**, and **303E46** is the 20% darker color. If you saturate the color by 10%, you get **536A76**, and if you desaturate by 10%, it is **6B7276**.

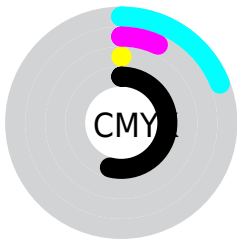
# Distribution



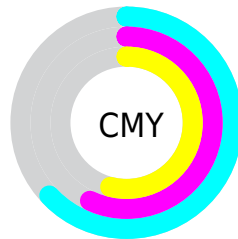
- Red (37%)
- Green (43%)
- Blue (46%)



- Red (37%)
- Yellow (41%)
- Blue (46%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (54%)



- Cyan (63%)
- Magenta (57%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F6E76 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 5F6E76 by changing the saturation by 10% instead.



■ 5F6E76

■ 5F6E76

FFFFFF

■ 47565D

■ 92A2AA

■ 303E46

■ ACBDC5

■ 1B292F

■ C8D8E1

■ 03141B

■ E4F5FE

■ 000000

■ 5F6E76

■ 5F6E76

■ 536A76

■ 6B7276

■ 476676

■ 777676

■ 3C6276

■ 827A76

■ 305E76

■ 8E7E76

■ 245976

■ 9A8376

■ 185576

■ A68776

■ 0C5176

■ B28B76

■ 014D76

■ BD8F76

■ 004D76

■ C99376

# Harmonies

## Analogous

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



5C6F71



5F6E76



656C78

# Triad

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



5F6E76



78686C



6A6D61

# Complementary

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



5F6E76



76675F

# 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.



716B5F



5F6E76



796866

# Square

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



5F6E76



746872



766961



636F65

# Rectangle

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



5F6E76



6A6B77



766961



6C6D60



# Sweetspot

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



5F6E76



909699



5F7667



474B4D



CCCCCC



4D4D4D



# Same Dimension

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



5F6E76



768D99



5F6376



35393B



00507A



00A3FA



# Inverse Universe

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



765F6E



99768D



76725F



3B3539



7A0050



FA00A3



# Previews

## White Background



This preview shows how the Hex color 5F6E76 looks on a white background.

## Color Contrast Check

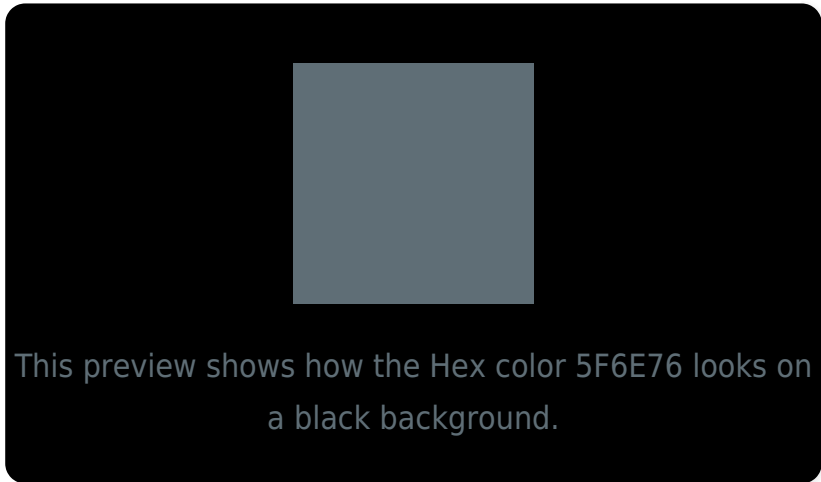
Large Text (above 18pt) WCAG AA ✓ Pass

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

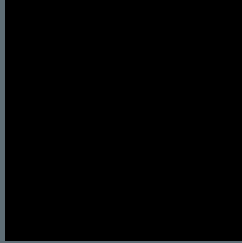
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

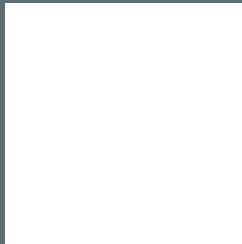
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5F6E76 Background



This preview shows how black text looks on a background with the Hex color 5F6E76.



This preview shows how white text looks on a background with the Hex color 5F6E76.

# 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**  
5F6E76

**Protanopia**  
6B6B74

**Deuteranopia**  
716977



**Tritanopia**  
5F6E77

# Trichromacy



**Original Color**  
5F6E76

**Protanomaly**  
676C75

**Deuteranomaly**  
6A6B77

**Tritanomaly**  
5F6E77

# Monochromacy



**Original Color**  
5F6E76

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
666B6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F6E76 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 #5F6E76 looks like.

```
.text, #text, p{  
    color:#5F6E76  
}
```

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 #5F6E76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6E76
}
```

## Border

The CSS property to change the border of an element to Hex 5F6E76 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
#5F6E76 }
```

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

```
.border{ border-color:#5F6E76 }
```

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

Here you see how a box with a 4 pixel #5F6E76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6E76; -webkit-box-shadow:4px 4px  
4px 4px #5F6E76; box-shadow:4px 4px 4px  
4px #5F6E76 }
```

# Background

The CSS property to change the background color of an element to Hex 5F6E76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6E76 }
```

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

```
.background{ background-color:#5F6E76 }
```

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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