

# Converting Colors

Hex(5F736E)

Have a look what the booklet for  
Hex(5F736E) contains.

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# Color

**Hex(5F736E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F736E
RGB	95, 115, 110
RGB Percent	37%, 45%, 43%
CMY	0.6275, 0.5490, 0.5686
CMYK	0.17, 0.00, 0.04, 0.55
HSL	165°, 10%, 41%
HSV	165°, 17%, 45%
XYZ	13.6645, 15.8202, 17.0852
YIQ	108.4500, -10.3150, -5.7950

# Conversions

## Conversions Part 2

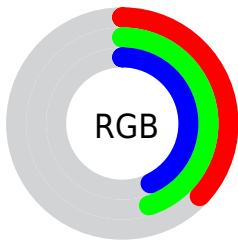
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 106, 115
Decimal	6255470
CIE <sub>Lab</sub>	46.74, -8.49, 0.29
CIE <sub>LCh</sub>	47, 8.494, 178.015
Yxy	15.8202, 0.2934, 0.3397
Android (android.graphics.Color)	4284445550 (0xFF5F736E)
YUV	108.4500, 0.7641, -11.7957
Hunter-Lab	39.7746, -8.2819, 2.3740

# Details

The Hex color **5F736E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **735F64**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **92A7A2**, and **30433F** is the 20% darker color. If you saturate the color by 10%, you get **54736B**, and if you desaturate by 10%, it is **6B7371**.

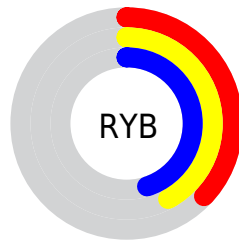
# Distribution



Red (37%)

Green (45%)

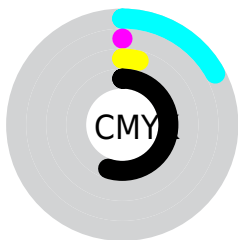
Blue (43%)



Red (37%)

Yellow (42%)

Blue (45%)

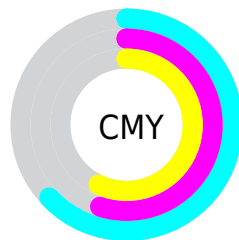


Cyan (17%)

Magenta (0%)

Yellow (4%)

Black (55%)



Cyan (63%)

Magenta (55%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F736E 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 5F736E by changing the saturation by 10% instead.



■ 5F736E

■ 5F736E

FFFFFF

■ 475A56

■ 92A7A2

■ 30433F

■ ACC2BD

■ 1B2D29

■ C8DED8

■ 031914

■ E4FBF5

■ 000000

■ 5F736E

■ 5F736E

■ 54736B

■ 6B7371

■ 487368

■ 767374

■ 3D7365

■ 827377

■ 317362

■ 8D737A

■ 257360

■ 99737C

■ 1A735D

■ A4737F

■ 0E735A

■ B07382

■ 037357

■ BB7385

■ 007356

■ C77388

# Harmonies

## Analogous

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



657267



5F736E



5D7375

# Triad

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



5F736E



706D7B



7B6C63

# Complementary

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



5F736E



735F64

# 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.



7E6A68



5F736E



786B76

# Square

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



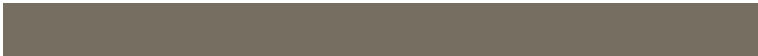
5F736E



67707D



7D6A6F



756E61

# Rectangle

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



5F736E



5E7279



7D6A6F



7D6B64



# Sweetspot

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



5F736E



8F9695



64735F



484D4B



CCCCCC



4D4D4D



# Same Dimension

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



5F736E



77968F



5F6E73



353B39



007A5C



00FABB



# Inverse Universe

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



735F64



96777F



73645F



3B3536



7A001F



FA003E



# Previews

## White Background



This preview shows how the Hex color 5F736E looks on a white background.

## Color Contrast Check

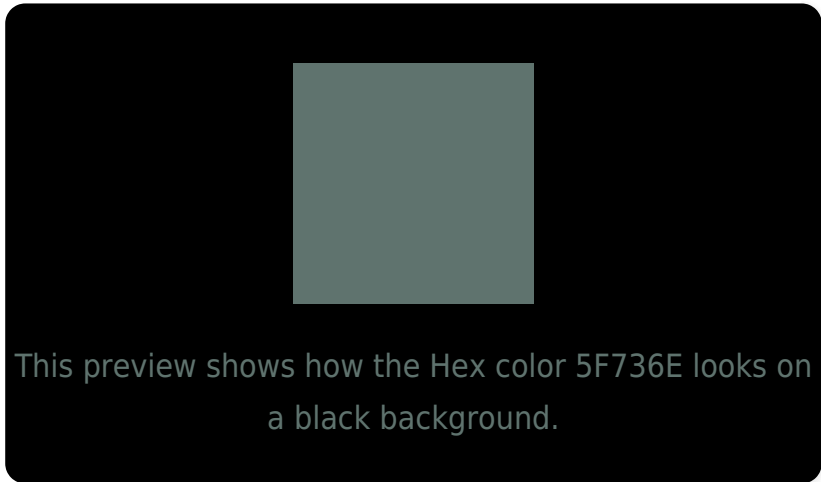
Large Text (above 18pt) WCAG AA ✓ Pass

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

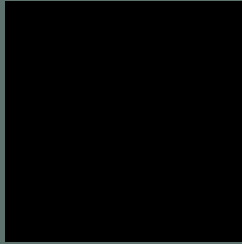
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

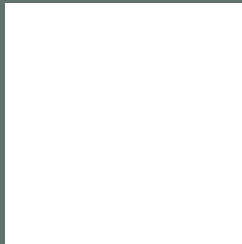
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5F736E Background



This preview shows how black text looks on a background with the Hex color 5F736E.

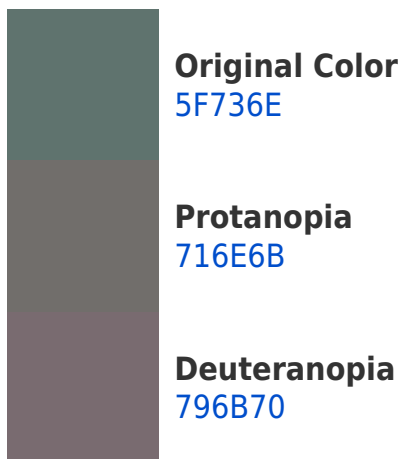


This preview shows how white text looks on a background with the Hex color 5F736E.

# 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](#).

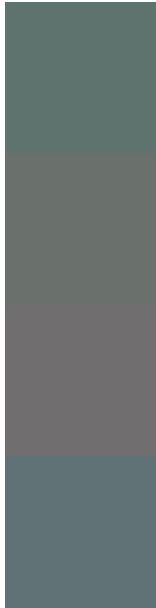
## Dichromacy





**Tritanopia**  
61717A

# Trichromacy



**Original Color**  
5F736E

**Protanomaly**  
6A706C

**Deuteranomaly**  
706E6F

**Tritanomaly**  
607276

# Monochromacy



**Original Color**  
5F736E

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
676F6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F736E 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 #5F736E looks like.

```
.text, #text, p{  
    color:#5F736E  
}
```

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 #5F736E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F736E
}
```

## Border

The CSS property to change the border of an element to Hex 5F736E 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
#5F736E }
```

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

```
.border{ border-color:#5F736E }
```

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

Here you see how a box with a 4 pixel #5F736E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F736E; -webkit-box-shadow:4px 4px  
4px 4px #5F736E; box-shadow:4px 4px 4px  
4px #5F736E }
```

# Background

The CSS property to change the background color of an element to Hex 5F736E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F736E }
```

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

```
.background{ background-color:#5F736E }
```

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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