

# Converting Colors

Hex(5F6D64)

Have a look what the booklet for  
Hex(5F6D64) contains.

<b>Hex(5F6D64)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(5F6D64)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F6D64
RGB	95, 109, 100
RGB Percent	37%, 43%, 39%
CMY	0.6275, 0.5725, 0.6078
CMYK	0.13, 0.00, 0.08, 0.57
HSL	141°, 7%, 40%
HSV	141°, 13%, 43%
XYZ	12.4882, 14.2903, 14.1567
YIQ	103.7880, -5.4550, -5.7670

# Conversions

## Conversions Part 2

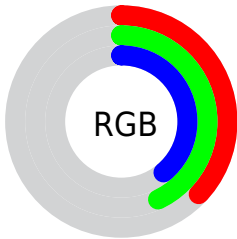
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 105, 109
Decimal	6253924
CIELab	44.65, -7.22, 3.24
CIELCh	45, 7.912, 155.810
Yxy	14.2903, 0.3051, 0.3491
Android (android.graphics.Color)	4284444004 (0xFF5F6D64)
YUV	103.7880, -1.8675, -7.7071
Hunter-Lab	37.8025, -7.1861, 4.2582

# Details

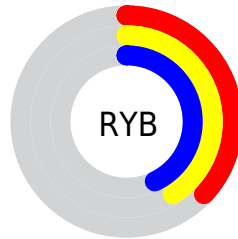
The Hex color **5F6D64** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6D5F68**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **92A097**, and **313E35** is the 20% darker color. If you saturate the color by 10%, you get **546D5D**, and if you desaturate by 10%, it is **6A6D6B**.

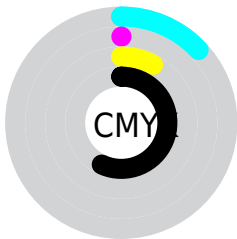
# Distribution



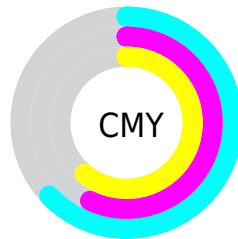
- Red (37%)
- Green (43%)
- Blue (39%)



- Red (37%)
- Yellow (41%)
- Blue (43%)



- Cyan (13%)
- Magenta (0%)
- Yellow (8%)
- Black (57%)



- Cyan (63%)
- Magenta (57%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F6D64 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 5F6D64 by changing the saturation by 10% instead.





5F6D64



5F6D64

FFFFFF



47554C



92A097



313E35



ACBBB1



1C2820



C7D7CD



021409



E3F4E9



000000



5F6D64



5F6D64



546D5D



6A6D6B



496D56



756D72



3E6D4F



806D79

■ 336D48

■ 8B6D80

■ 296D41

■ 966D87

■ 1E6D3A

■ A06D8E

■ 136D33

■ AB6D95

■ 086D2C

■ B66D9C

■ 006D27

■ C16DA3

# Harmonies

## Analogous

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



666C5F



5F6D64



5A6E6B

# Triad

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



5F6D64



646A77



776662

# Complementary

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



5F6D64



6D5F68

# 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.



776568



5F6D64



6D6874

# Square

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



5F6D64



5D6C75



73666F



74675E

# Rectangle

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



5F6D64



596D6F



73666F



786564



# Sweetspot

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



5F6D64



898F8B



686D5F



444745



C7C7C7



474747



# Same Dimension

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



5F6D64



798F81



5F6D6B



303632



00752A



00F557



# Inverse Universe

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



6D5F68



8F7987



6D5F61



363034



75004B

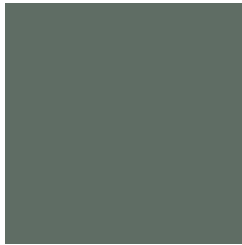


F5009D



# Previews

## White Background



This preview shows how the Hex color 5F6D64 looks on a white background.

## Color Contrast Check

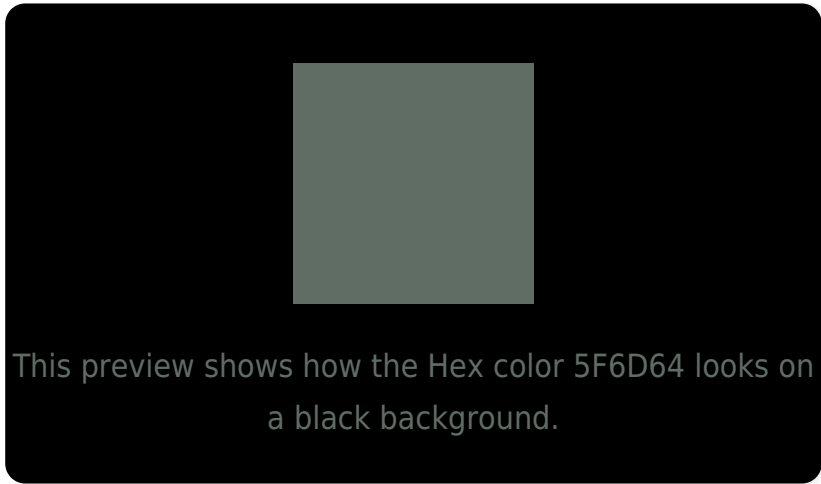
Large Text (above 18pt) WCAG AA ✓ Pass

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

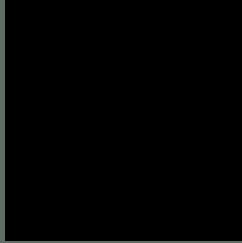
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F6D64 Background



This preview shows how black text looks on a background with the Hex color 5F6D64.

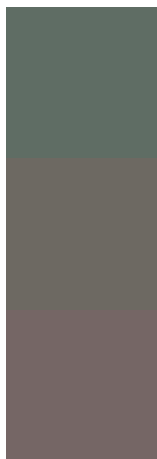


This preview shows how white text looks on a background with the Hex color 5F6D64.

# 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**

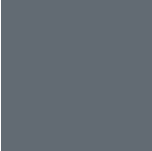
5F6D64

**Protanopia**

6D6962

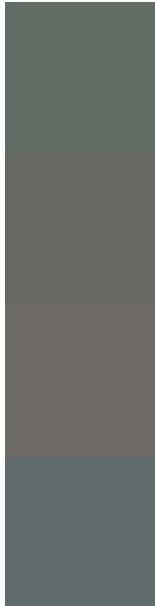
**Deuteranopia**

756665



**Tritanopia**  
626B73

# Trichromacy



**Original Color**  
5F6D64

**Protanomaly**  
686A63

**Deuteranomaly**  
6D6965

**Tritanomaly**  
616C6E

# Monochromacy



**Original Color**  
5F6D64

**Achromatopsia**  
686868

**Achromatomaly**  
656A67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F6D64 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 #5F6D64 looks like.

```
.text, #text, p{  
    color:#5F6D64  
}
```

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 #5F6D64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6D64
}
```

## Border

The CSS property to change the border of an element to Hex 5F6D64 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
#5F6D64 }
```

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

```
.border{ border-color:#5F6D64 }
```

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

Here you see how a box with a 4 pixel #5F6D64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6D64; -webkit-box-shadow:4px 4px  
4px 4px #5F6D64; box-shadow:4px 4px 4px  
4px #5F6D64 }
```

# Background

The CSS property to change the background color of an element to Hex 5F6D64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6D64 }
```

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

```
.background{ background-color:#5F6D64 }
```

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