

# Converting Colors

Hex(5F6E49)

Have a look what the booklet for  
Hex(5F6E49) contains.

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# Color

**Hex(5F6E49)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F6E49
RGB	95, 110, 73
RGB Percent	37%, 43%, 29%
CMY	0.6275, 0.5686, 0.7137
CMYK	0.14, 0.00, 0.34, 0.57
HSL	84°, 20%, 36%
HSV	84°, 34%, 43%
XYZ	11.4978, 14.0658, 8.4123
YIQ	101.2970, 2.9370, -14.6870

# Conversions

## Conversions Part 2

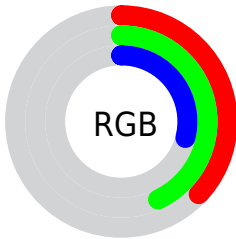
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 110, 88
Decimal	6254153
CIELab	44.33, -12.75, 18.83
CIELCh	44, 22.739, 124.095
Yxy	14.0658, 0.3384, 0.4140
Android (android.graphics.Color)	4284444233 (0xFF5F6E49)
YUV	101.2970, -13.9504, -5.5225
Hunter-Lab	37.5044, -10.9094, 12.9542

# Details

The Hex color **5F6E49** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **58496E**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **92A27A**, and **303E1C** is the 20% darker color. If you saturate the color by 10%, you get **5B6E3E**, and if you desaturate by 10%, it is **636E54**.

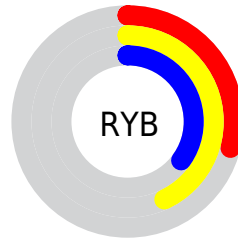
# Distribution



Red (37%)

Green (43%)

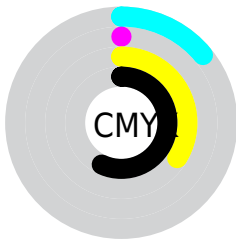
Blue (29%)



Red (29%)

Yellow (43%)

Blue (35%)

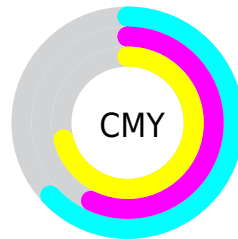


Cyan (14%)

Magenta (0%)

Yellow (34%)

Black (57%)



Cyan (63%)

Magenta (57%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F6E49 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 5F6E49 by changing the saturation by 10% instead.





5F6E49



5F6E49

FFFFFF



475632



92A27A



303E1C



ADBD94



1B2805



C8D8AF



001500



E4F5CA



000000



FFFFE6



5F6E49



5F6E49



5B6E3E



636E54



566E33



686E5F

■ 526E28

■ 6C6E6A

■ 4D6E1D

■ 716E75

■ 496E12

■ 756E80

■ 446E07

■ 7A6E8B

■ 416E00

■ 7E6E96

■ 836EA1

■ 876EAC

# Harmonies

## Analogous

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



736843



5F6E49



497258

# Triad

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



5F6E49



376F8A



8D5B67

# Complementary

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



5F6E49



58496E

# 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.



835D7A



5F6E49



536A8E

# Square

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



5F6E49



28727D



6F6388



8D5D55

# Rectangle

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



5F6E49



3A7364



6F6388



8B5B6D



# Sweetspot

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



5F6E49



898F81



6E5849



44473F



C7C7C7



474747



# Same Dimension

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



5F6E49



788F56



4D6E49



363832



477800



93F700



# Inverse Universe

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



58496E



6D568F



6A496E



353238



310078



6400F7



# Previews

## White Background



This preview shows how the Hex color 5F6E49 looks on a white background.

## Color Contrast Check

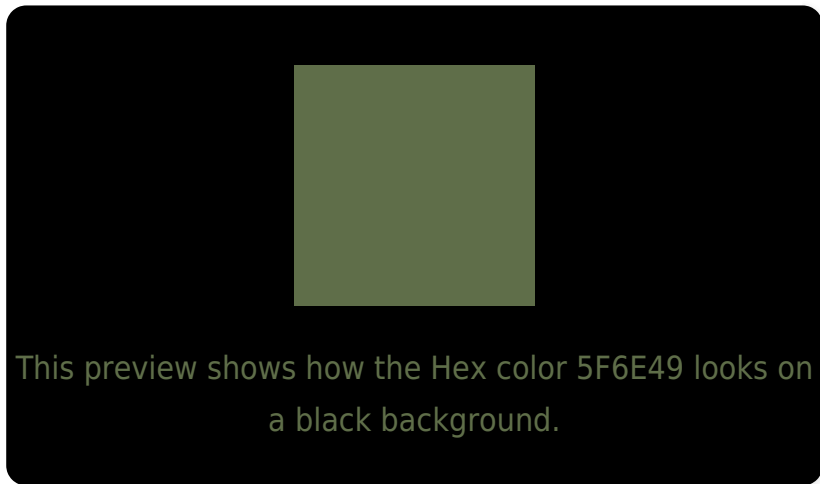
Large Text (above 18pt) WCAG AA ✓ Pass

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

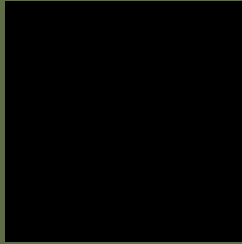
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F6E49 Background



This preview shows how black text looks on a background with the Hex color 5F6E49.



This preview shows how white text looks on a background with the Hex color 5F6E49.

# 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**  
5F6E49

**Protanopia**  
716947

**Deuteranopia**  
7C644B



**Tritanopia**  
656971

# Trichromacy



**Original Color**  
5F6E49

**Protanomaly**  
6A6B48

**Deuteranomaly**  
71684A

**Tritanomaly**  
636B62

# Monochromacy



**Original Color**  
5F6E49

**Achromatopsia**  
656565

**Achromatomaly**  
63685B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F6E49 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 #5F6E49 looks like.

```
.text, #text, p{  
    color:#5F6E49  
}
```

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 #5F6E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6E49
}
```

## Border

The CSS property to change the border of an element to Hex 5F6E49 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
#5F6E49 }
```

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

```
.border{ border-color:#5F6E49 }
```

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

Here you see how a box with a 4 pixel #5F6E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6E49; -webkit-box-shadow:4px 4px  
4px 4px #5F6E49; box-shadow:4px 4px 4px  
4px #5F6E49 }
```

# Background

The CSS property to change the background color of an element to Hex 5F6E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6E49 }
```

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

```
.background{ background-color:#5F6E49 }
```

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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