

# Converting Colors

Hex(5F7048)

Have a look what the booklet for  
Hex(5F7048) contains.

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# Color

**Hex(5F7048)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F7048
RGB	95, 112, 72
RGB Percent	37%, 44%, 28%
CMY	0.6275, 0.5608, 0.7176
CMYK	0.15, 0.00, 0.36, 0.56
HSL	85°, 22%, 36%
HSV	85°, 36%, 44%
XYZ	11.6832, 14.4891, 8.3118
YIQ	102.3570, 2.7080, -16.0440

# Conversions

## Conversions Part 2

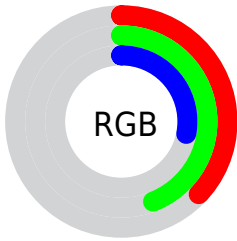
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 112, 89
Decimal	6254664
CIELab	44.93, -14.01, 20.20
CIELCh	45, 24.585, 124.735
Yxy	14.4891, 0.3388, 0.4202
Android (android.graphics.Color)	4284444744 (0xFF5F7048)
YUV	102.3570, -14.9660, -6.4521
Hunter-Lab	38.0646, -11.8259, 13.6986

# Details

The Hex color **5F7048** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **594870**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **92A479**, and **30401B** is the 20% darker color. If you saturate the color by 10%, you get **5A703D**, and if you desaturate by 10%, it is **647053**.

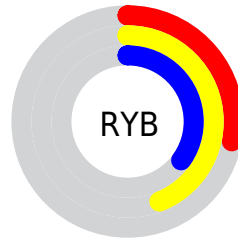
# Distribution



Red (37%)

Green (44%)

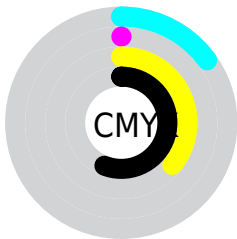
Blue (28%)



Red (28%)

Yellow (44%)

Blue (35%)

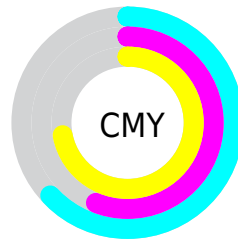


Cyan (15%)

Magenta (0%)

Yellow (36%)

Black (56%)



Cyan (63%)

Magenta (56%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F7048 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 5F7048 by changing the saturation by 10% instead.





5F7048



5F7048

FFFFFF



475831



92A479



30401B



ADBF93



1B2A03



C8DBAE



001700



E5F7C9



000000



FFFFE5



5F7048



5F7048



5A703D



647053



557032



69705E

■ 517026

■ 6D706A

■ 4C701B

■ 727075

■ 477010

■ 777080

■ 427005

■ 7C708B

■ 407000

■ 807096

■ 8570A2

■ 8A70AD

# Harmonies

## Analogous

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



756A41



5F7048



477458

# Triad

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



5F7048



32718F



925B68

# Complementary

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



5F7048



594870

# 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.



875D7C



5F7048



536B93

# Square

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



5F7048



1F7581



71648C



915D54

# Rectangle

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



5F7048



367566



71648C



8F5B6F



# Sweetspot

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



5F7048



8B9181



705948



464A40



C9C9C9



4A4A4A



# Same Dimension

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



5F7048



779153



4B7048



363832



457800



8EF700



# Inverse Universe

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



594870



6D5391



6D4870



353238



330078



6900F7



# Previews

## White Background



This preview shows how the Hex color 5F7048 looks on a white background.

## Color Contrast Check

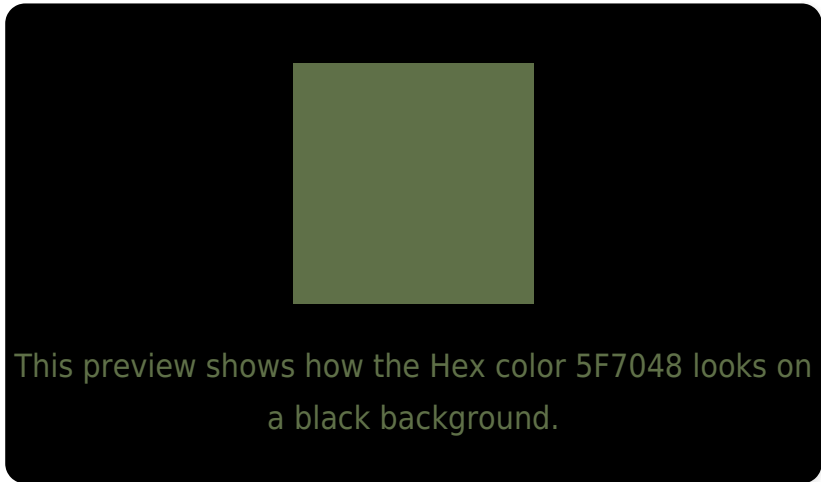
Large Text (above 18pt) WCAG AA ✓ Pass

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

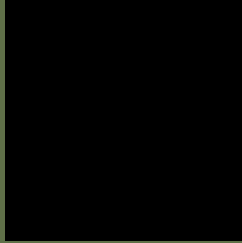
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F7048 Background



This preview shows how black text looks on a background with the Hex color 5F7048.



This preview shows how white text looks on a background with the Hex color 5F7048.

# 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**  
5F7048

**Protanopia**  
736A46

**Deuteranopia**  
7E664A



**Tritanopia**  
656B73

# Trichromacy



**Original Color**  
5F7048

**Protanomaly**  
6C6C47

**Deuteranomaly**  
736A49

**Tritanomaly**  
636D63

# Monochromacy



**Original Color**  
5F7048

**Achromatopsia**  
666666

**Achromatomaly**  
636A5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F7048 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 #5F7048 looks like.

```
.text, #text, p{  
    color:#5F7048  
}
```

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 #5F7048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7048
}
```

## Border

The CSS property to change the border of an element to Hex 5F7048 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
#5F7048 }
```

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

```
.border{ border-color:#5F7048 }
```

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

Here you see how a box with a 4 pixel #5F7048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7048; -webkit-box-shadow:4px 4px  
4px 4px #5F7048; box-shadow:4px 4px 4px  
4px #5F7048 }
```

# Background

The CSS property to change the background color of an element to Hex 5F7048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7048 }
```

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

```
.background{ background-color:#5F7048 }
```

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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