

# Converting Colors

Hex(5F725B)

Have a look what the booklet for  
Hex(5F725B) contains.

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# Color

Hex(5F725B)

# Conversions

## Conversions Part 1

Format	Color
Hex	5F725B
RGB	95, 114, 91
RGB Percent	37%, 45%, 36%
CMY	0.6275, 0.5529, 0.6431
CMYK	0.17, 0.00, 0.20, 0.55
HSL	110°, 11%, 40%
HSV	110°, 20%, 45%
XYZ	12.6250, 15.2229, 12.1704
YIQ	105.6970, -3.9410, -11.1810

# Conversions

## Conversions Part 2

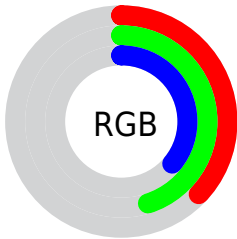
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	91, 114, 110
Decimal	6255195
CIE Lab	45.94, -11.86, 10.45
CIE LCh	46, 15.806, 138.621
Yxy	15.2229, 0.3155, 0.3804
Android (android.graphics.Color)	4284445275 (0xFF5F725B)
YUV	105.6970, -7.2456, -9.3813
Hunter-Lab	39.0165, -10.5198, 8.8172

# Details

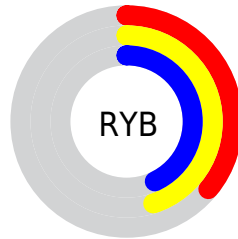
The Hex color **5F725B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E5B72**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **92A68D**, and **30422D** is the 20% darker color. If you saturate the color by 10%, you get **567250**, and if you desaturate by 10%, it is **687266**.

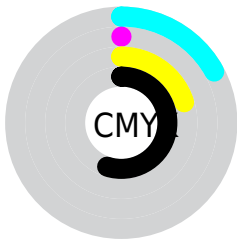
# Distribution



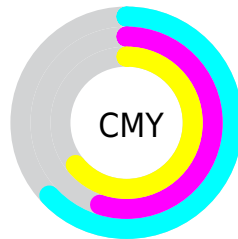
- Red (37%)
- Green (45%)
- Blue (36%)



- Red (36%)
- Yellow (45%)
- Blue (43%)



- Cyan (17%)
- Magenta (0%)
- Yellow (20%)
- Black (55%)



- Cyan (63%)
- Magenta (55%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F725B 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 5F725B by changing the saturation by 10% instead.



 5F725B

 5F725B

FFFFFF

 475943


 92A68D

 30422D

 ACC1A8

 1B2C18

 C8DDC3

 031800

 E4FADF

 000000

 FFFFFB

 5F725B

 5F725B

 567250

 687266

 4C7244

 727272

 437239

 7B727D

 39722D

 857289

 307222

 8E7294

 267217

 98729F

 1D720B

 A172AB

 147200

 AA72B6

 B472C2

# Harmonies

## Analogous

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



6E6F54



5F725B



517467

# Triad

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



5F725B



577086



886465

# Complementary

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



5F725B



6E5B72

# 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.



846472



5F725B



686B86

# Square

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



5F725B



4A7380



79677E



856659

# Rectangle

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



5F725B



4A7470



79677E



886369



# Sweetspot

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



5F725B



8D948B



726E5B



464A45



C9C9C9



4A4A4A



# Same Dimension

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



5F725B



779470



5B7262



333832



157800



2BF700



# Inverse Universe

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



6E5B72



8E7094



725B6B



373238



630078

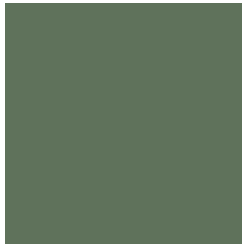


CC00F7



# Previews

## White Background



This preview shows how the Hex color 5F725B 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

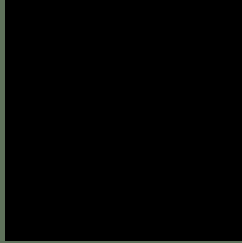
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

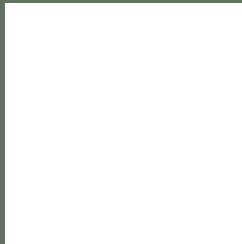
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5F725B Background



This preview shows how black text looks on a background with the Hex color 5F725B.



This preview shows how white text looks on a background with the Hex color 5F725B.

# 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**  
5F725B

**Protanopia**  
736C58

**Deuteranopia**  
7D685D



**Tritanopia**  
646E77

# Trichromacy



**Original Color**  
5F725B

**Protanomaly**  
6C6E59

**Deuteranomaly**  
726C5C

**Tritanomaly**  
626F6D

# Monochromacy



**Original Color**  
5F725B

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
666D65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F725B 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 #5F725B looks like.

```
.text, #text, p{  
    color:#5F725B  
}
```

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 #5F725B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F725B
}
```

## Border

The CSS property to change the border of an element to Hex 5F725B 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
#5F725B }
```

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

```
.border{ border-color:#5F725B }
```

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

Here you see how a box with a 4 pixel #5F725B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F725B; -webkit-box-shadow:4px 4px  
4px 4px #5F725B; box-shadow:4px 4px 4px  
4px #5F725B }
```

# Background

The CSS property to change the background color of an element to Hex 5F725B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F725B }
```

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

```
.background{ background-color:#5F725B }
```

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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