

# Converting Colors

Hex(5D705E)

Have a look what the booklet for  
Hex(5D705E) contains.

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# Color

**Hex(5D705E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D705E
RGB	93, 112, 94
RGB Percent	36%, 44%, 37%
CMY	0.6353, 0.5608, 0.6314
CMYK	0.17, 0.00, 0.16, 0.56
HSL	123°, 9%, 40%
HSV	123°, 17%, 44%
XYZ	12.3288, 14.7236, 12.7818
YIQ	104.2670, -5.5460, -9.6260

# Conversions

## Conversions Part 2

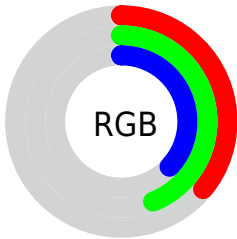
Format	Color
R <sub>Y</sub> B	93, 111, 112
Decimal	6123614
CIE Lab	45.25, -10.92, 7.68
CIE LCh	45, 13.351, 144.878
Yxy	14.7236, 0.3095, 0.3696
Android (android.graphics.Color)	4284313694 (0xFF5D705E)
YUV	104.2670, -5.0616, -9.8812
Hunter-Lab	38.3714, -9.7978, 7.1100

# Details

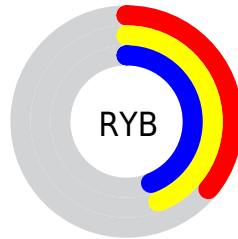
The Hex color **5D705E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **705D6F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8FA490**, and **2F4030** is the 20% darker color. If you saturate the color by 10%, you get **527053**, and if you desaturate by 10%, it is **687069**.

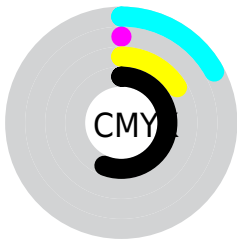
# Distribution



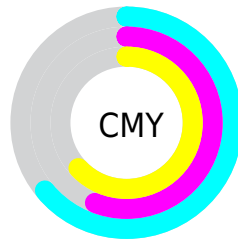
- Red (36%)
- Green (44%)
- Blue (37%)



- Red (36%)
- Yellow (44%)
- Blue (44%)



- Cyan (17%)
- Magenta (0%)
- Yellow (16%)
- Black (56%)



- Cyan (64%)
- Magenta (56%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D705E 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 5D705E by changing the saturation by 10% instead.



■ 5D705E

■ 5D705E

FFFFFF

■ 455846

■ 8FA490

■ 2F4030

■ AABFAB

■ 192A1B

■ C5DBC6

■ 001600

■ E1F7E2

■ 000000

FEFFFF

■ 5D705E

■ 5D705E

■ 527053

■ 687069

■ 477049

■ 737073

 3B703E

 7F707E

 307034

 8A7088

 257029

 957093

 1A701E

 A0709E

 0F7014

 AB70A8

 037009

 B770B3

 007006

 C270BD

# Harmonies

## Analogous

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



6A6D57



5D705E



527169

# Triad

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



5D705E



5C6D81



826462

# Complementary

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



5D705E



705D6F

# 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.



80636D



5D705E



6B697F

# Square

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



5D705E



51707D



786578



7E6659

# Rectangle

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



5D705E



4E7270



786578



826366



# Sweetspot

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



5D705E



8A918A



6F705D



464A46



C9C9C9



4A4A4A



# Same Dimension

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



5D705E



749176



5D7067



323833



007806



00F70D



# Inverse Universe

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



705D6F



917490



705D66



383238



780072

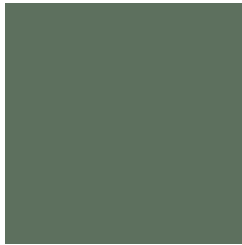


F700EA



# Previews

## White Background



This preview shows how the Hex color 5D705E looks on a white background.

## Color Contrast Check

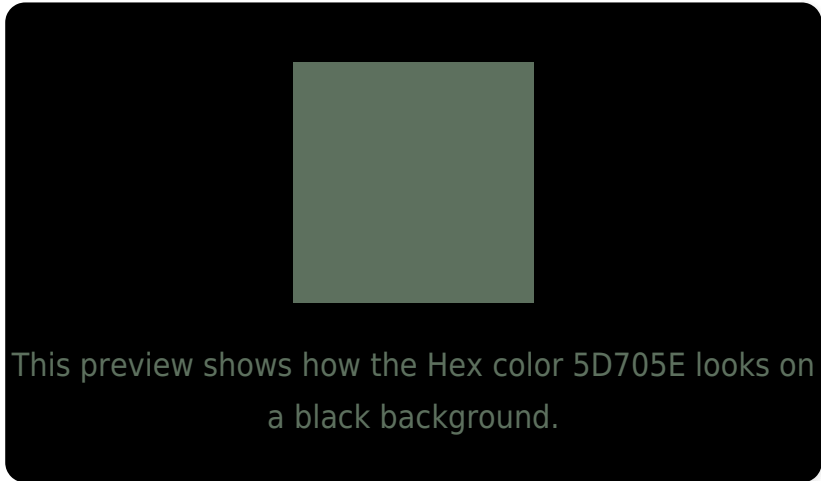
Large Text (above 18pt) WCAG AA ✓ Pass

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

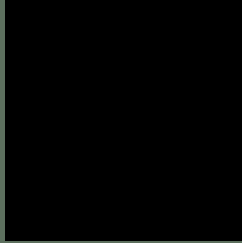
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D705E Background



This preview shows how black text looks on a background with the Hex color 5D705E.



This preview shows how white text looks on a background with the Hex color 5D705E.

# 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](#).

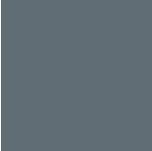
## Dichromacy



**Original Color**  
5D705E

**Protanopia**  
706B5B

**Deuteranopia**  
796760



**Tritanopia**  
616D75

# Trichromacy



**Original Color**  
5D705E

**Protanomaly**  
696D5C

**Deuteranomaly**  
6F6A5F

**Tritanomaly**  
606E6D

# Monochromacy



**Original Color**  
5D705E

**Achromatopsia**  
686868

**Achromatomaly**  
646B64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D705E 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 #5D705E looks like.

```
.text, #text, p{  
    color:#5D705E  
}
```

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 #5D705E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D705E
}
```

## Border

The CSS property to change the border of an element to Hex 5D705E 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
#5D705E }
```

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

```
.border{ border-color:#5D705E }
```

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

Here you see how a box with a 4 pixel #5D705E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D705E; -webkit-box-shadow:4px 4px  
4px 4px #5D705E; box-shadow:4px 4px 4px  
4px #5D705E }
```

# Background

The CSS property to change the background color of an element to Hex 5D705E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D705E }
```

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

```
.background{ background-color:#5D705E }
```

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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