

# Converting Colors

Hex(59705D)

Have a look what the booklet for  
Hex(59705D) contains.

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# Color

Hex(59705D)

# Conversions

## Conversions Part 1

Format	Color
Hex	59705D
RGB	89, 112, 93
RGB Percent	35%, 44%, 36%
CMY	0.6510, 0.5608, 0.6353
CMYK	0.21, 0.00, 0.17, 0.56
HSL	130°, 11%, 39%
HSV	130°, 21%, 44%
XYZ	11.8898, 14.5025, 12.5285
YIQ	102.9570, -7.6090, -10.7850

# Conversions

## Conversions Part 2

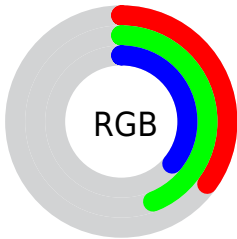
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 109, 112
Decimal	5861469
CIE Lab	44.95, -12.63, 7.80
CIE LCh	45, 14.847, 148.303
Yxy	14.5025, 0.3055, 0.3726
Android (android.graphics.Color)	4284051549 (0xFF59705D)
YUV	102.9570, -4.9088, -12.2403
Hunter-Lab	38.0821, -10.9136, 7.1519

# Details

The Hex color **59705D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **70596C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8BA48F**, and **2B402F** is the 20% darker color. If you saturate the color by 10%, you get **4E7054**, and if you desaturate by 10%, it is **647066**.

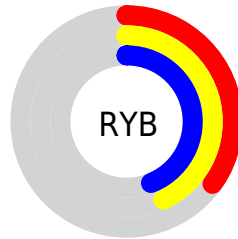
# Distribution



Red (35%)

Green (44%)

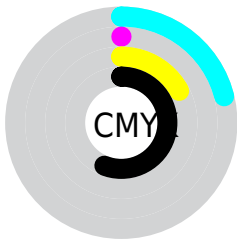
Blue (36%)



Red (35%)

Yellow (43%)

Blue (44%)

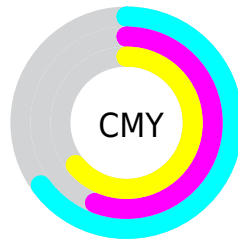


Cyan (21%)

Magenta (0%)

Yellow (17%)

Black (56%)



Cyan (65%)

Magenta (56%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59705D 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 59705D by changing the saturation by 10% instead.



 59705D

 59705D

FFFFFF

 415845

 8BA48F

 2B402F

 A6BFAA

 162A1A

 C1DBC5

 001600

 DDF7E1

 000000

 FAFFFE

 59705D

 59705D

 4E7054

 647066

 43704A

 6F7070

■ 377041

■ 7B7079

■ 2C7038

■ 867082

■ 21702F

■ 91708B

■ 167025

■ 9C7095

■ 0B701C

■ A7709E

■ 007013

■ B370A7

■ BE70B0

# Harmonies

## Analogous

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



676D54



59705D



4D7169

# Triad

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



59705D



5B6C83



84625F

# Complementary

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



59705D



70596C

# 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.



82626B



59705D



6C6780

# Square

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



59705D



4D6F7F



7A6478



7F6556

# Rectangle

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



59705D



497172



7A6478



846263



# Sweetspot

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



59705D



89918A



6C7059



454A46



C9C9C9



4A4A4A



# Same Dimension

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



59705D



6D9173



597068



323833



007815



00F72B



# Inverse Universe

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



70596C



916D8B



705961



383237



780063

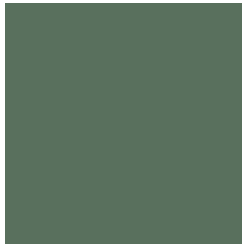


F700CC



# Previews

## White Background



This preview shows how the Hex color 59705D looks on a white background.

## Color Contrast Check

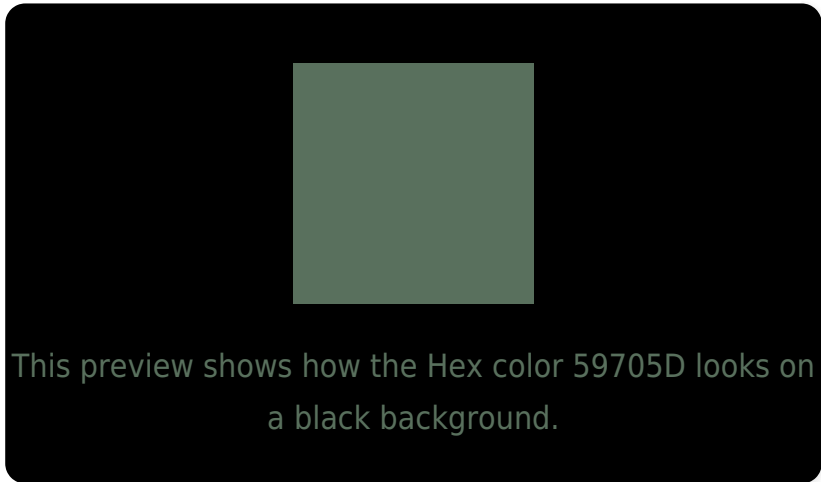
Large Text (above 18pt) WCAG AA ✓ Pass

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

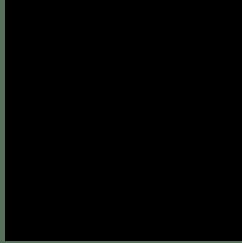
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 59705D Background



This preview shows how black text looks on a background with the Hex color 59705D.



This preview shows how white text looks on a background with the Hex color 59705D.

# 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](#).

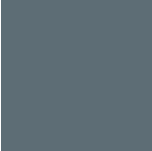
## Dichromacy



**Original Color**  
59705D

**Protanopia**  
706A5A

**Deuteranopia**  
78665F



**Tritanopia**  
5D6D75

# Trichromacy



**Original Color**

59705D

**Protanomaly**

686C5B

**Deuteranomaly**

6D6A5E

**Tritanomaly**

5C6E6C

# Monochromacy



**Original Color**

59705D

**Achromatopsia**

676767

**Achromatomaly**

626A63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59705D 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 #59705D looks like.

```
.text, #text, p{  
    color:#59705D  
}
```

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 #59705D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59705D  
}
```

## Border

The CSS property to change the border of an element to Hex 59705D 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  
#59705D }
```

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

```
.border{ border-color:#59705D }
```

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

Here you see how a box with a 4 pixel #59705D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59705D; -webkit-box-shadow:4px 4px  
4px 4px #59705D; box-shadow:4px 4px 4px  
4px #59705D }
```

# Background

The CSS property to change the background color of an element to Hex 59705D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59705D }
```

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

```
.background{ background-color:#59705D }
```

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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