

# Converting Colors

Hex(59744E)

Have a look what the booklet for  
Hex(59744E) contains.

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# Color

Hex(59744E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	59744E
RGB	89, 116, 78
RGB Percent	35%, 45%, 31%
CMY	0.6510, 0.5451, 0.6941
CMYK	0.23, 0.00, 0.33, 0.55
HSL	103°, 20%, 38%
HSV	103°, 33%, 45%
XYZ	11.7404, 15.1647, 9.5160
YIQ	103.5950, -3.8940, -17.5420

# Conversions

## Conversions Part 2

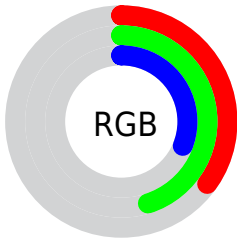
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 116, 105
Decimal	5862478
CIELab	45.86, -17.62, 17.90
CIELCh	46, 25.118, 134.556
Yxy	15.1647, 0.3224, 0.4164
Android (android.graphics.Color)	4284052558 (0xFF59744E)
YUV	103.5950, -12.6183, -12.7998
Hunter-Lab	38.9419, -14.3333, 12.7709

# Details

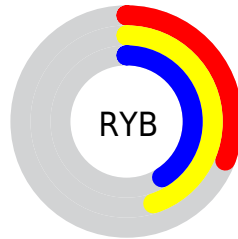
The Hex color **59744E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **694E74**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8CA87F**, and **2A4421** is the 20% darker color. If you saturate the color by 10%, you get **517442**, and if you desaturate by 10%, it is **61745A**.

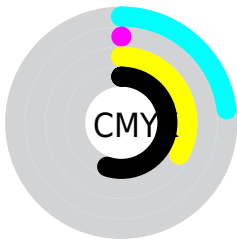
# Distribution



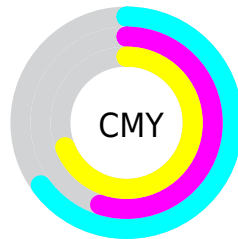
- Red (35%)
- Green (45%)
- Blue (31%)



- Red (31%)
- Yellow (45%)
- Blue (41%)



- Cyan (23%)
- Magenta (0%)
- Yellow (33%)
- Black (55%)



- Cyan (65%)
- Magenta (55%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59744E 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 59744E by changing the saturation by 10% instead.





59744E



59744E

FFFFFF



415B37



8CA87F



2A4421



A6C399



142D0B



C2DFB4



001A00



DEFCD0



000000



FAF FEC



59744E



59744E



517442



61745A



497437



697465

■ 40742B

■ 727471

■ 387420

■ 7A747C

■ 307414

■ 827488

■ 287408

■ 8A7494

■ 227400

■ 93749F

■ 9B74AB

■ A374B6

# Harmonies

## Analogous

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



716F43



59744E



3F7761

# Triad

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



59744E



3E7295



965D63

# Complementary

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



59744E



694E74

# 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.



8F5E78



59744E



5F6B95

# Square

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



59744E



227689



7C648B



926150

# Rectangle

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



59744E



2E786F



7C648B



955C6A



# Sweetspot

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



59744E



8C9687



74694E



464D43



CCCCCC



4D4D4D



# Same Dimension

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



59744E



6D965C



4E7456



363B35



237A00



48FA00



# Inverse Universe

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



694E74



855C96



744E6C



39353B



57007A

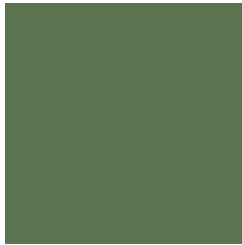


B200FA



# Previews

## White Background



This preview shows how the Hex color 59744E looks on a white background.

## Color Contrast Check

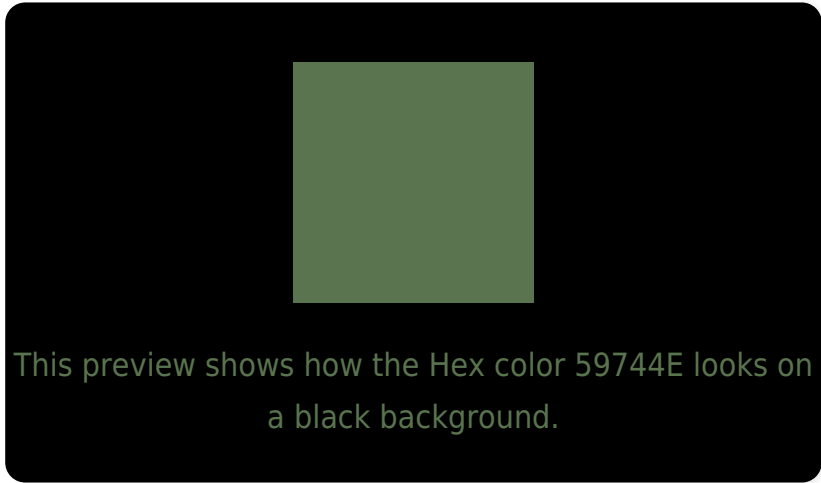
Large Text (above 18pt) WCAG AA ✓ Pass

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

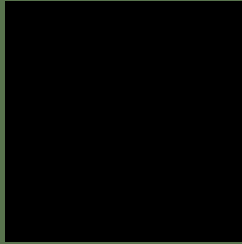
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 59744E Background



This preview shows how black text looks on a background with the Hex color 59744E.

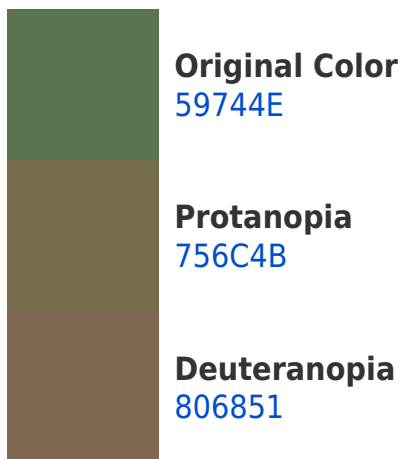


This preview shows how white text looks on a background with the Hex color 59744E.

# 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





**Tritanopia**  
606F78

# Trichromacy



**Original Color**  
59744E

**Protanomaly**  
6B6F4C

**Deuteranomaly**  
726C50

**Tritanomaly**  
5D7169

# Monochromacy



**Original Color**  
59744E

**Achromatopsia**  
686868

**Achromatomaly**  
636C5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59744E 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 #59744E looks like.

```
.text, #text, p{  
    color:#59744E  
}
```

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 #59744E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59744E
}
```

## Border

The CSS property to change the border of an element to Hex 59744E 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".

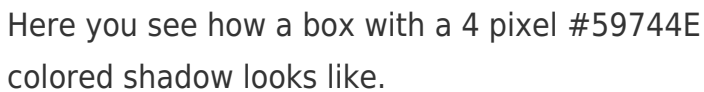
```
.border, #border, table{ border:4px solid
#59744E }
```

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

```
.border{ border-color:#59744E }
```

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

Here you see how a box with a 4 pixel #59744E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59744E; -webkit-box-shadow:4px 4px  
4px 4px #59744E; box-shadow:4px 4px 4px  
4px #59744E }
```

# Background

The CSS property to change the background color of an element to Hex 59744E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59744E }
```

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

```
.background{ background-color:#59744E }
```

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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