

# Converting Colors

Hex(5D744E)

Have a look what the booklet for  
Hex(5D744E) contains.

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# Color

Hex(5D744E)

# Conversions

## Conversions Part 1

Format	Color
Hex	5D744E
RGB	93, 116, 78
RGB Percent	36%, 45%, 31%
CMY	0.6353, 0.5451, 0.6941
CMYK	0.20, 0.00, 0.33, 0.55
HSL	96°, 20%, 38%
HSV	96°, 33%, 45%
XYZ	12.1347, 15.3680, 9.5345
YIQ	104.7910, -1.5100, -16.6940

# Conversions

## Conversions Part 2

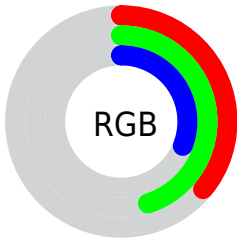
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 116, 101
Decimal	6124622
CIELab	46.13, -16.05, 18.32
CIELCh	46, 24.354, 131.232
Yxy	15.3680, 0.3276, 0.4149
Android (android.graphics.Color)	4284314702 (0xFF5D744E)
YUV	104.7910, -13.2080, -10.3407
Hunter-Lab	39.2020, -13.3500, 13.0213

# Details

The Hex color **5D744E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **654E74**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **90A87F**, and **2E4421** is the 20% darker color. If you saturate the color by 10%, you get **567442**, and if you desaturate by 10%, it is **64745A**.

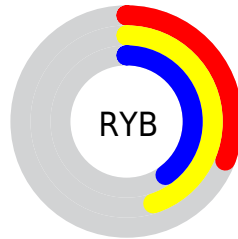
# Distribution



Red (36%)

Green (45%)

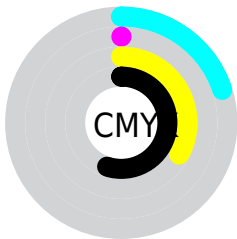
Blue (31%)



Red (31%)

Yellow (45%)

Blue (40%)

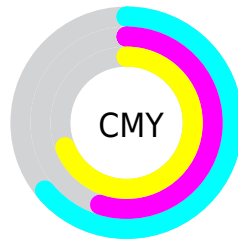


Cyan (20%)

Magenta (0%)

Yellow (33%)

Black (55%)



Cyan (64%)

Magenta (55%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D744E 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 5D744E by changing the saturation by 10% instead.





5D744E



5D744E

FFFFFF



455B37



90A87F



2E4421



ABC399



182D0B



C6DFB4



001A00



E2FCD0



000000



FFFEC



5D744E



5D744E



567442



64745A



4F7437



6B7465

■ 48742B

■ 727471

■ 417420

■ 79747C

■ 3A7414

■ 807488

■ 337408

■ 877494

■ 2E7400

■ 8E749F

■ 9574AB

■ 9C74B6

# Harmonies

## Analogous

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



746E45



5D744E



44775F

# Triad

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



5D744E



3D7393



955E66

# Complementary

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



5D744E



654E74

# 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.



8D5F7B



5D744E



5D6D95

# Square

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



5D744E



267787



7A658C



936153

# Rectangle

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



5D744E



34786D



7A658C



945E6D



# Sweetspot

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



5D744E



8D9687



74654E



474D43



CCCCCC



4D4D4D



# Same Dimension

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



5D744E



73965C



4E7452



373B35



307A00



63FA00



# Inverse Universe

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



654E74



7F5C96



744E70



38353B



4A007A



9700FA



# Previews

## White Background



This preview shows how the Hex color 5D744E looks on a white background.

## Color Contrast Check

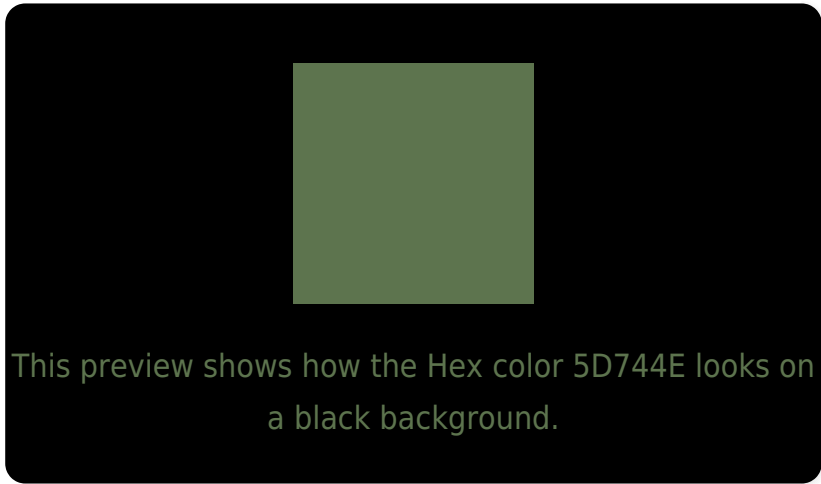
Large Text (above 18pt) WCAG AA ✓ Pass

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

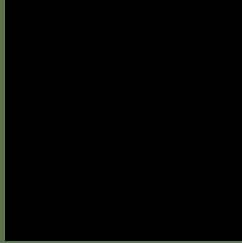
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

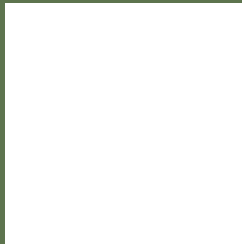
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5D744E Background



This preview shows how black text looks on a background with the Hex color 5D744E.



This preview shows how white text looks on a background with the Hex color 5D744E.

# 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**  
5D744E

**Protanopia**  
766D4B

**Deuteranopia**  
816851



**Tritanopia**  
636F78

# Trichromacy



**Original Color**  
5D744E

**Protanomaly**  
6D704C

**Deuteranomaly**  
746C50

**Tritanomaly**  
617169

# Monochromacy



**Original Color**  
5D744E

**Achromatopsia**  
696969

**Achromatomaly**  
656D5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D744E 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 #5D744E looks like.

```
.text, #text, p{  
    color:#5D744E  
}
```

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 #5D744E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D744E
}
```

## Border

The CSS property to change the border of an element to Hex 5D744E 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
#5D744E }
```

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

```
.border{ border-color:#5D744E }
```

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

Here you see how a box with a 4 pixel #5D744E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D744E; -webkit-box-shadow:4px 4px  
4px 4px #5D744E; box-shadow:4px 4px 4px  
4px #5D744E }
```

# Background

The CSS property to change the background color of an element to Hex 5D744E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D744E }
```

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

```
.background{ background-color:#5D744E }
```

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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