

# Converting Colors

Hex(48703E)

Have a look what the booklet for  
Hex(48703E) contains.

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# Color

Hex(48703E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	48703E
RGB	72, 112, 62
RGB Percent	28%, 44%, 24%
CMY	0.7176, 0.5608, 0.7569
CMYK	0.36, 0.00, 0.45, 0.56
HSL	108°, 29%, 34%
HSV	108°, 45%, 44%
XYZ	9.3362, 13.3139, 6.6352
YIQ	94.3400, -7.7900, -24.0300

# Conversions

## Conversions Part 2

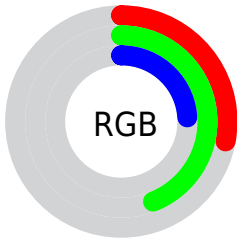
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 112, 102
Decimal	4747326
CIELab	43.23, -24.61, 23.42
CIELCh	43, 33.975, 136.421
Yxy	13.3139, 0.3188, 0.4546
Android (android.graphics.Color)	4282937406 (0xFF48703E)
YUV	94.3400, -15.9436, -19.5922
Hunter-Lab	36.4882, -18.1818, 14.7601

# Details

The Hex color **48703E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **663E70**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7AA46E**, and **184012** is the 20% darker color. If you saturate the color by 10%, you get **3F7033**, and if you desaturate by 10%, it is **517049**.

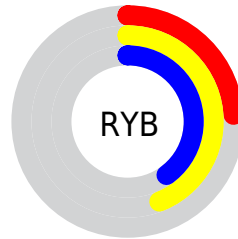
# Distribution



Red (28%)

Green (44%)

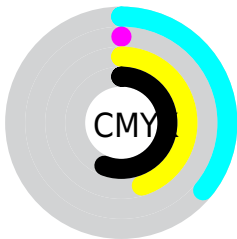
Blue (24%)



Red (24%)

Yellow (44%)

Blue (40%)

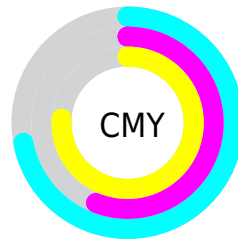


Cyan (36%)

Magenta (0%)

Yellow (45%)

Black (56%)



Cyan (72%)

Magenta (56%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48703E 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 48703E by changing the saturation by 10% instead.





48703E



48703E

FFFFFF



305727



7AA46E



184012



95BF88



032900



B0DBA2



001300



CCF8BE



000000



E8FFDA



FFFFFF6



48703E



48703E



3F7033



517049

■ 367028

■ 5A7054

■ 2D701C

■ 637060

■ 247011

■ 6C706B

■ 1B7006

■ 757076

■ 167000

■ 7E7081

■ 87708C

■ 907098

■ 9970A3

# Harmonies

## Analogous

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



68692E



48703E



187458

# Triad

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



48703E



026D9C



9B4F58

# Complementary

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



48703E



663E70

# 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.



945074



48703E



53649C

# Square

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



48703E



00728E



7C598D



94563F

# Rectangle

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



48703E



00756B



7C598D



9B4E61



# Sweetspot

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



48703E



82917E



70663E



404A3E



C9C9C9



4A4A4A



# Same Dimension

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



48703E



539143



3E704D



343832



187800



31F700



# Inverse Universe

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



663E70



824391



703E61



373238



600078



C600F7



# Previews

## White Background



This preview shows how the Hex color 48703E looks on a white background.

## Color Contrast Check

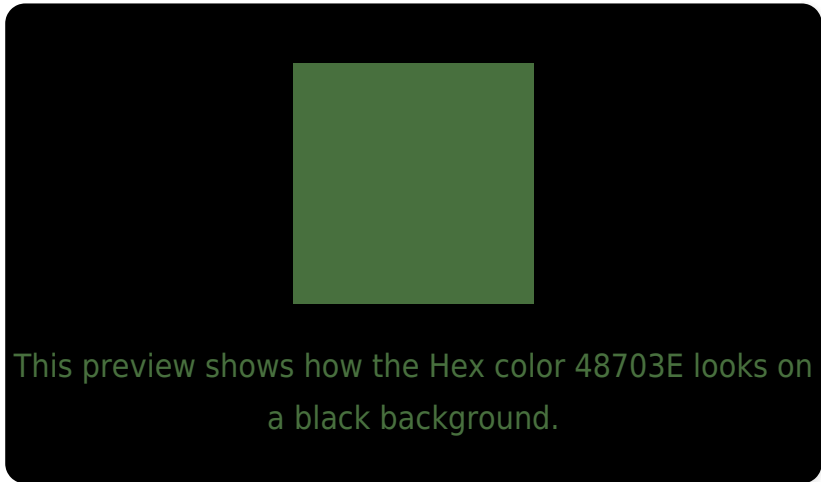
Large Text (above 18pt) WCAG AA ✓ Pass

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

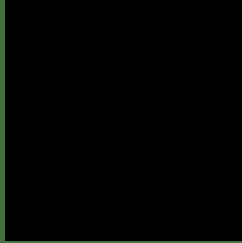
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 48703E Background



This preview shows how black text looks on a background with the Hex color 48703E.



This preview shows how white text looks on a background with the Hex color 48703E.

# 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**  
48703E

**Protanopia**  
70663A

**Deuteranopia**  
7A6142



**Tritanopia**  
516A72

# Trichromacy



**Original Color**  
48703E

**Protanomaly**  
616A3B

**Deuteranomaly**  
686641

**Tritanomaly**  
4E6C5F

# Monochromacy



**Original Color**  
48703E

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
566552

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48703E 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 #48703E looks like.

```
.text, #text, p{  
    color:#48703E  
}
```

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 #48703E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48703E
}
```

## Border

The CSS property to change the border of an element to Hex 48703E 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
#48703E }
```

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

```
.border{ border-color:#48703E }
```

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

Here you see how a box with a 4 pixel #48703E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48703E; -webkit-box-shadow:4px 4px  
4px 4px #48703E; box-shadow:4px 4px 4px  
4px #48703E }
```

# Background

The CSS property to change the background color of an element to Hex 48703E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48703E }
```

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

```
.background{ background-color:#48703E }
```

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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