

Converting Colors

Hex(4C753C)

Have a look what the booklet for
Hex(4C753C) contains.

Hex(4C753C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4C753C)

Conversions

Conversions Part 1

Format	Color
Hex	4C753C
RGB	76, 117, 60
RGB Percent	30%, 46%, 24%
CMY	0.7020, 0.5412, 0.7647
CMYK	0.35, 0.00, 0.49, 0.54
HSL	103°, 32%, 35%
HSV	103°, 49%, 46%
XYZ	10.1574, 14.5853, 6.5549
YIQ	98.2430, -6.1390, -26.4190

Conversions

Conversions Part 2

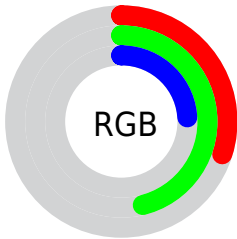
Format	Color
RYB	60, 117, 101
Decimal	5010748
CIELab	45.06, -25.92, 26.89
CIElCh	45, 37.350, 133.944
Yxy	14.5853, 0.3245, 0.4660
Android (android.graphics.Color)	4283200828 (0xFF4C753C)
YUV	98.2430, -18.8538, -19.5071
Hunter-Lab	38.1907, -19.3591, 16.5573

Details

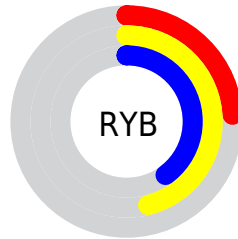
The Hex color **4C753C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **653C75**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7FA96D**, and **1B440F** is the 20% darker color. If you saturate the color by 10%, you get **447530**, and if you desaturate by 10%, it is **547548**.

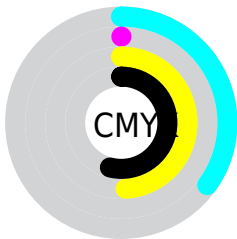
Distribution



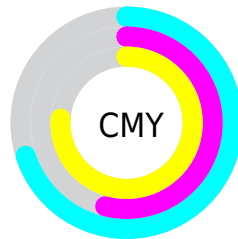
- Red (30%)
- Green (46%)
- Blue (24%)



- Red (24%)
- Yellow (46%)
- Blue (40%)



- Cyan (35%)
- Magenta (0%)
- Yellow (49%)
- Black (54%)



- Cyan (70%)
- Magenta (54%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C753C 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 4C753C by changing the saturation by 10% instead.

 4C753C

 4C753C

FFFFFF

 345C25

 7FA96D

 1B440F

 99C586

 052D00

 B5E1A1

 001A00

 D1FEBC

 000000

 EDFFD8

 FFFFF4

 4C753C

 4C753C

 447530

 547548

 3B7525

 5D7553

 337519

 65755F

 2A750D

 6E756B

 227502

 767576

 217500

 7E7582

 87758E

 8F759A

 9875A5

Harmonies

Analogous

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



6F6E2B



4C753C



147958

Triad

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



4C753C



0073A6



A5505D

Complementary

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



4C753C



653C75

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.



9C527D



4C753C



5069A7

Square

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



4C753C



007895



805D98



9E5841

Rectangle

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



4C753C



007A6E



805D98



A45068

Sweetspot

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



4C753C



889982



75653C



434D3F



CCCCCC



4D4D4D

Same Dimension

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



4C753C



599940



3C7548



363B35



227A00



46FA00

Inverse Universe

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



653C75



804099



753C69



39353B



58007A



B400FA

Previews

White Background



This preview shows how the Hex color 4C753C looks on a white background.

Color Contrast Check

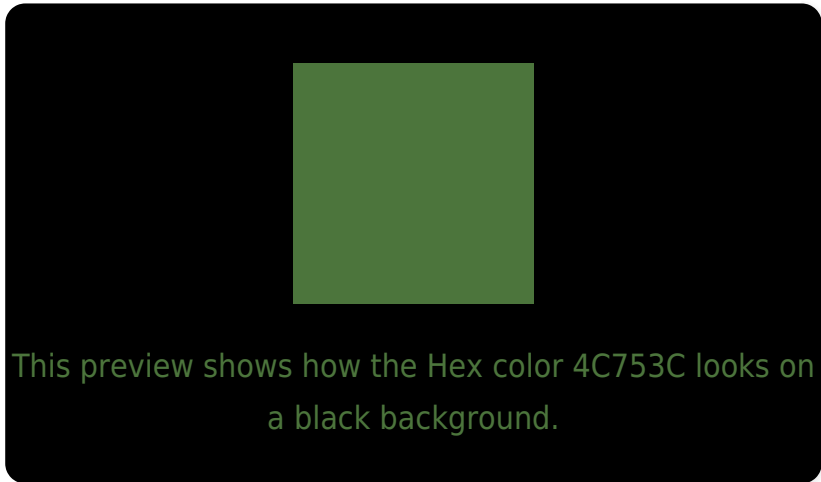
Large Text (above 18pt) WCAG AA ✓ Pass

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

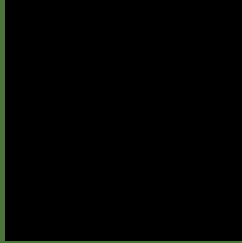
Any Text WCAG AA × Fail

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 4C753C Background



This preview shows how black text looks on a background with the Hex color 4C753C.



This preview shows how white text looks on a background with the Hex color 4C753C.

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
566E77

Trichromacy



Original Color
4C753C

Protanomaly
666E39

Deuteranomaly
6E6B3F

Tritanomaly
527162

Monochromacy



Original Color
4C753C

Achromatopsia
626262

Achromatomaly
5A6954

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C753C 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 #4C753C looks like.

```
.text, #text, p{  
    color:#4C753C  
}
```

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 #4C753C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C753C
}
```

Border

The CSS property to change the border of an element to Hex 4C753C 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
#4C753C }
```

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

```
.border{ border-color:#4C753C }
```

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

Here you see how a box with a 4 pixel #4C753C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C753C; -webkit-box-shadow:4px 4px  
4px 4px #4C753C; box-shadow:4px 4px 4px  
4px #4C753C }
```

Background

The CSS property to change the background color of an element to Hex 4C753C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C753C }
```

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

```
.background{ background-color:#4C753C }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor