

# Converting Colors

Hex(C4745E)

Have a look what the booklet for  
Hex(C4745E) contains.

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# Color

Hex(C4745E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4745E
RGB	196, 116, 94
RGB Percent	77%, 45%, 37%
CMY	0.2314, 0.5451, 0.6314
CMYK	0.00, 0.41, 0.52, 0.23
HSL	13°, 46%, 57%
HSV	13°, 52%, 77%
XYZ	31.0307, 25.0347, 13.7864
YIQ	137.4120, 54.7420, 10.1180

# Conversions

## Conversions Part 2

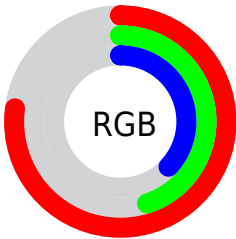
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">196, 122, 94</a>
Decimal	<a href="#">12874846</a>
<a href="#">CIELab</a>	<a href="#">57.11, 29.16, 25.62</a>
<a href="#">CIElCh</a>	<a href="#">57, 38.818, 41.302</a>
<a href="#">Yxy</a>	<a href="#">25.0347, 0.4442, 0.3584</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291064926 (0xFFC4745E)</a>
<a href="#">YUV</a>	<a href="#">137.4120, -21.4021, 51.3817</a>
<a href="#">Hunter-Lab</a>	<a href="#">50.0347, 23.1422, 18.6878</a>

# Details

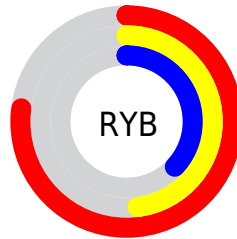
The Hex color **C4745E** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **5EAEC4**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFA991**, and **8B422F** is the 20% darker color. If you saturate the color by 10%, you get **C4654A**, and if you desaturate by 10%, it is **C48372**.

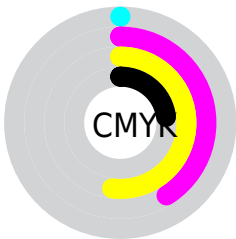
# Distribution



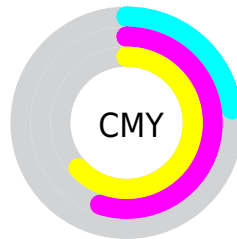
- Red (77%)
- Green (45%)
- Blue (37%)



- Red (77%)
- Yellow (48%)
- Blue (37%)



- Cyan (0%)
- Magenta (41%)
- Yellow (52%)
- Black (23%)



- Cyan (23%)
- Magenta (55%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4745E 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 C4745E by changing the saturation by 10% instead.



 C4745E

 C4745E

FFFFFF

 A75B46

 FFA991

 8B422F

 FFC4AB

 6F2B1A

 FFE1C7

 541301

 FFFDE3

 390000

 1E0001

 000000

 C4745E

 C4745E

 C4654A

 C48372

 C45537

 C49385

 C44623

 C4A299

 C43710

 C4B1AC

 C42A00

 C4C1C0

 C4D0D4

 C4E0E7

 C4EFFB

 C4FEFF

# Harmonies

## Analogous

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



CA6D7D



C4745E



B08049

# Triad

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



C4745E



3D9972



6A88CB

# Complementary

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



C4745E



5EAEC4

# 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.



1193C9



C4745E



009B95

# Square

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



C4745E



6C9455



0099B5



9D7BBC

# Rectangle

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



C4745E



9C8844



0099B5



548CCC

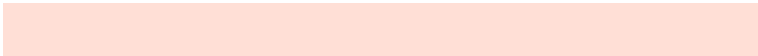


# Sweetspot

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



C4745E



FFDFD6



C45EB0



806D67



000000



808080



# Same Dimension

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



C4745E



FF8361



C4A55E



615957



A12300



210700



# Inverse Universe

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



5EAEC4



61DDFF



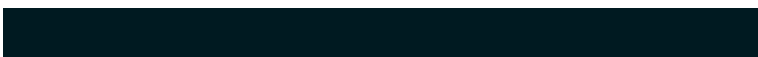
5E7DC4



575F61



007EA1



001A21



# Previews

## White Background



This preview shows how the Hex color C4745E looks on a white background.

## Color Contrast Check

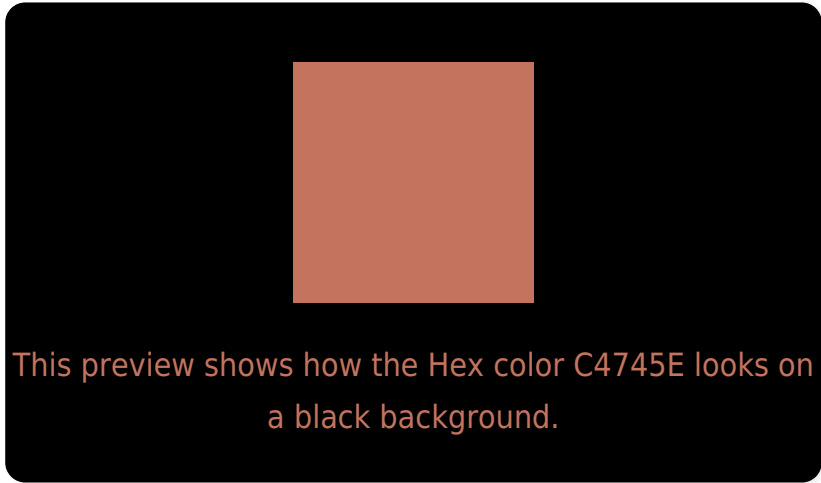
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



## Hex C4745E Background



This preview shows how black text looks on a background with the Hex color C4745E.



This preview shows how white text looks on a background with the Hex color C4745E.

# 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**  
C4745E

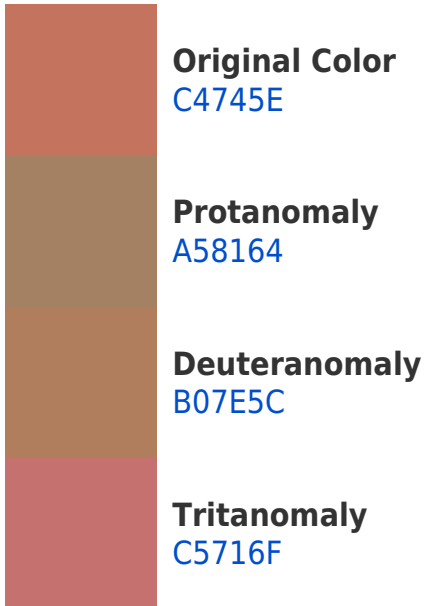
**Protanopia**  
938967

**Deuteranopia**  
A5845B

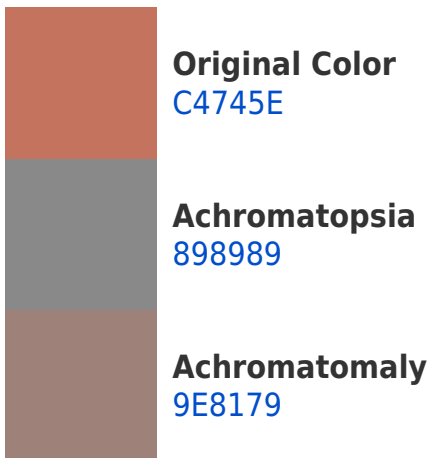


**Tritanopia**  
C67079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4745E 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 #C4745E looks like.

```
.text, #text, p{  
    color:#C4745E  
}
```

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 #C4745E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4745E
}
```

## Border

The CSS property to change the border of an element to Hex C4745E is called "border". The border property can be set on classes, ids or directly on the HTML element.

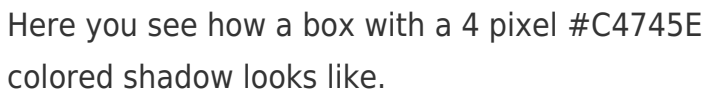
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4745E }
```

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

```
.border{ border-color:#C4745E }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel `#C4745E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4745E; -webkit-box-shadow:4px 4px  
4px 4px #C4745E; box-shadow:4px 4px 4px  
4px #C4745E }
```

# Background

The CSS property to change the background color of an element to Hex C4745E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4745E }
```

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

```
.background{ background-color:#C4745E }
```

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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