

# Converting Colors

Hex(C4755F)

Have a look what the booklet for  
Hex(C4755F) contains.

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# Color

Hex(C4755F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4755F
RGB	196, 117, 95
RGB Percent	77%, 46%, 37%
CMY	0.2314, 0.5412, 0.6275
CMYK	0.00, 0.40, 0.52, 0.23
HSL	13°, 46%, 57%
HSV	13°, 52%, 77%
XYZ	31.1918, 25.2846, 14.0629
YIQ	138.1130, 54.1460, 9.9060

# Conversions

## Conversions Part 2

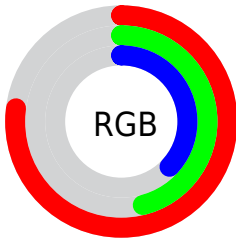
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 123, 95
Decimal	12875103
CIE <sub>Lab</sub>	57.35, 28.71, 25.37
CIE <sub>LCh</sub>	57, 38.316, 41.467
Yxy	25.2846, 0.4422, 0.3584
Android (android.graphics.Color)	4291065183 (0xFFC4755F)
YUV	138.1130, -21.2547, 50.7669
Hunter-Lab	50.2838, 22.7297, 18.6170

# Details

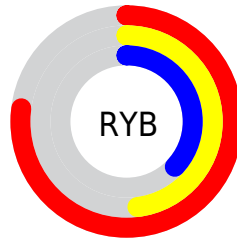
The Hex color **C4755F** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **5FAEC4**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFAA92**, and **8B4330** is the 20% darker color. If you saturate the color by 10%, you get **C4664B**, and if you desaturate by 10%, it is **C48473**.

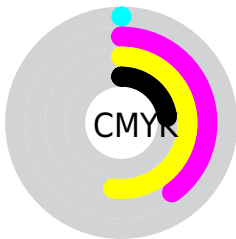
# Distribution



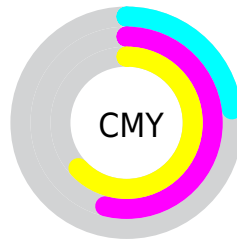
- Red (77%)
- Green (46%)
- Blue (37%)



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



- Cyan (0%)
- Magenta (40%)
- Yellow (52%)
- Black (23%)



- Cyan (23%)
- Magenta (54%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4755F 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 C4755F by changing the saturation by 10% instead.



 C4755F

 C4755F

FFFFFF

 A75C47

 FFAA92

 8B4330

 FFC5AC

 6F2C1B

 FFE2C8

 541402

 FFFFFE4

 390000

 1F0001

 000000

 C4755F

 C4755F

 C4664B

 C48473

 C45638

 C49486

 C44724

 C4A39A

 C43811

 C4B2AD

 C42B00

 C4C2C1

 C4D1D5

 C4E0E8

 C4F0FC

 C4FFFF

# Harmonies

## Analogous

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



CA6F7E



C4755F



B0804A

# Triad

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



C4755F



3F9A73



6B89CB

# Complementary

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



C4755F



5FAEC4

# 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.



1B93C9



C4755F



009B96

# Square

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



C4755F



6D9556



0099B5



9D7CBC

# Rectangle

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



C4755F



9D8845



0099B5



568DCC

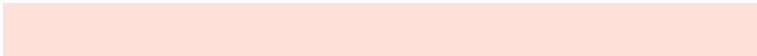


# Sweetspot

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



C4755F



FFE1D9



C45FAE



806E69



000000



808080



# Same Dimension

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



C4755F



FF8361



C4A75F



615957



A12300



210700



# Inverse Universe

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



5FAEC4



61DDFF



5F7CC4



575F61



007EA1



001A21



# Previews

## White Background



This preview shows how the Hex color C4755F looks on a white background.

## Color Contrast Check

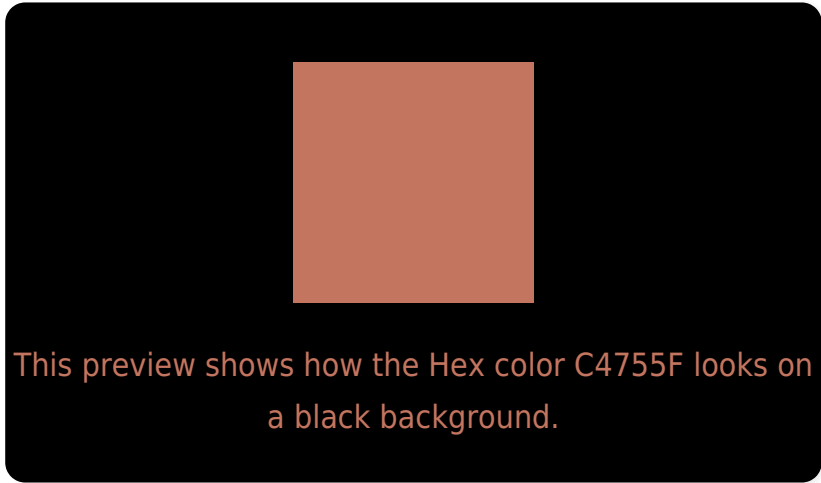
Large Text (above 18pt) WCAG AA ✓ Pass

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 C4755F Background



This preview shows how black text looks on a background with the Hex color C4755F.



This preview shows how white text looks on a background with the Hex color C4755F.

# 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**  
C6717A

# Trichromacy



**Original Color**  
C4755F

**Protanomaly**  
A58265

**Deuteranomaly**  
B17F5D

**Tritanomaly**  
C57270

# Monochromacy



**Original Color**  
C4755F

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
9F827A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4755F 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 #C4755F looks like.

```
.text, #text, p{  
    color:#C4755F  
}
```

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 #C4755F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4755F
}
```

## Border

The CSS property to change the border of an element to Hex C4755F is called "border". The border property can be set on classes, ids or directly on the HTML element.

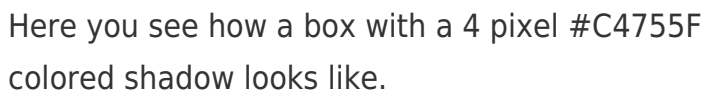
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4755F }
```

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

```
.border{ border-color:#C4755F }
```

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 `#C4755F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4755F; -webkit-box-shadow:4px 4px  
4px 4px #C4755F; box-shadow:4px 4px 4px  
4px #C4755F }
```

# Background

The CSS property to change the background color of an element to Hex C4755F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4755F }
```

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

```
.background{ background-color:#C4755F }
```

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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