

# Converting Colors

Hex(C57E53)

Have a look what the booklet for  
Hex(C57E53) contains.

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**Color**

**Hex(C57E53)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C57E53
RGB	197, 126, 83
RGB Percent	77%, 49%, 33%
CMY	0.2275, 0.5059, 0.6745
CMYK	0.00, 0.36, 0.58, 0.23
HSL	23°, 50%, 55%
HSV	23°, 58%, 77%
XYZ	32.0481, 27.4166, 11.7864
YIQ	142.3270, 56.1190, 1.6790

# Conversions

## Conversions Part 2

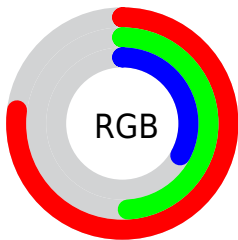
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 152, 83
Decimal	12942931
CIELab	59.36, 23.19, 34.61
CIElCh	59, 41.662, 56.175
Yxy	27.4166, 0.4498, 0.3848
Android (android.graphics.Color)	4291133011 (0xFFC57E53)
YUV	142.3270, -29.2482, 47.9482
Hunter-Lab	52.3608, 17.6219, 23.3064

# Details

The Hex color **C57E53** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **539AC5**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFB385**, and **8B4C24** is the 20% darker color. If you saturate the color by 10%, you get **C5723F**, and if you desaturate by 10%, it is **C58A67**.

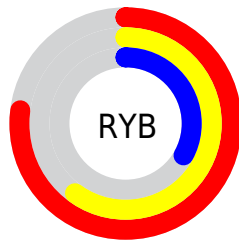
# Distribution



Red (77%)

Green (49%)

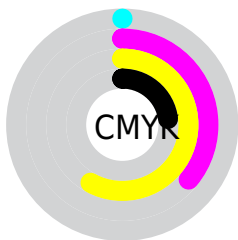
Blue (33%)



Red (77%)

Yellow (60%)

Blue (33%)

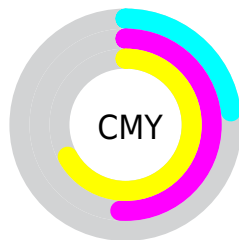


Cyan (0%)

Magenta (36%)

Yellow (58%)

Black (23%)



Cyan (23%)

Magenta (51%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C57E53 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 C57E53 by changing the saturation by 10% instead.



 C57E53

 C57E53

FFFFFF

 A8653B

 FFB385

 8B4C24

 FFCFA0

 6F350D

 FFE BBB

 551E00

 FFF FD7

 390800

 FFF F3

 220001

 000000

 C57E53

 C57E53

 C5723F

 C58A67

 C5652C

 C5977A

 C55918

 C5A38E

 C54D04

 C5AFA2

 C54A00

 C5BBB6

 C5C8C9

 C5D4DD

 C5E0F1

 C5ECFF

# Harmonies

## Analogous

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



D47371



C57E53



A98B44

# Triad

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



C57E53



00A189



8B87D1

# Complementary

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



C57E53



539AC5

# 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.



4594D8



C57E53



00A1AE

# Square

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



C57E53



589E65



009DCB



B879B8

# Rectangle

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



C57E53



929346



009DCB



778CD5



# Sweetspot

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



C57E53



FFE4D4



C5539B



807066



000000



808080



# Same Dimension

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



C57E53



FF914F



C5B653



635D5A



A33E00



240D00



# Inverse Universe

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



539AC5



4FBDFE



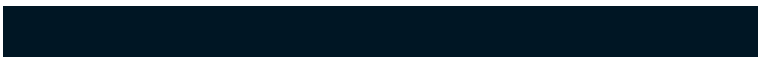
5362C5



5A6063



0066A3



001624



# Previews

## White Background



This preview shows how the Hex color C57E53 looks on a white background.

## Color Contrast Check

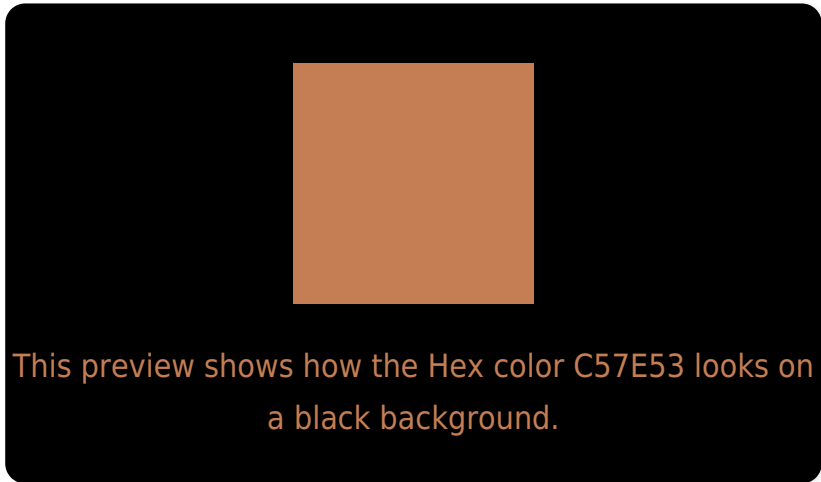
Large Text (above 18pt) WCAG AA ✓ Pass

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 C57E53 Background



This preview shows how black text looks on a background with the Hex color C57E53.

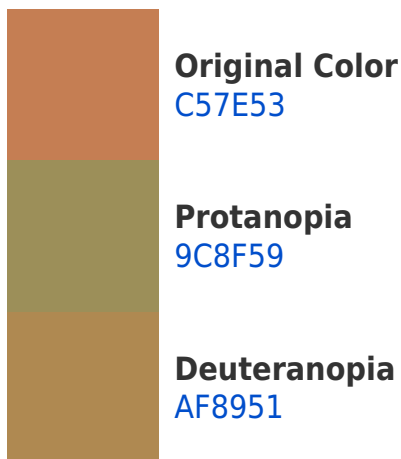


This preview shows how white text looks on a background with the Hex color C57E53.

# 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](#).

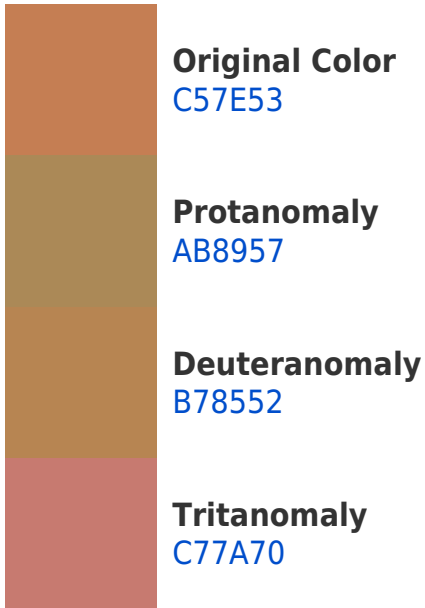
## Dichromacy



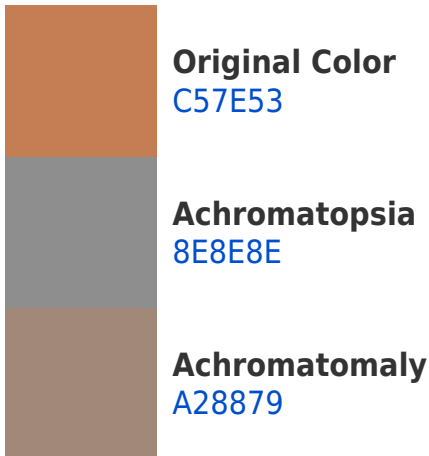


**Tritanopia**  
C87881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C57E53 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 #C57E53 looks like.

```
.text, #text, p{  
    color:#C57E53  
}
```

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 #C57E53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C57E53
}
```

## Border

The CSS property to change the border of an element to Hex C57E53 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
#C57E53 }
```

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

```
.border{ border-color:#C57E53 }
```

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

Here you see how a box with a 4 pixel #C57E53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C57E53; -webkit-box-shadow:4px 4px  
4px 4px #C57E53; box-shadow:4px 4px 4px  
4px #C57E53 }
```

# Background

The CSS property to change the background color of an element to Hex C57E53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C57E53 }
```

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

```
.background{ background-color:#C57E53 }
```

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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