

# Converting Colors

Hex(C17E5F)

Have a look what the booklet for  
Hex(C17E5F) contains.

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**Color**

**Hex(C17E5F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C17E5F
RGB	193, 126, 95
RGB Percent	76%, 49%, 37%
CMY	0.2431, 0.5059, 0.6275
CMYK	0.00, 0.35, 0.51, 0.24
HSL	19°, 44%, 56%
HSV	19°, 51%, 76%
XYZ	31.5187, 27.0854, 14.3933
YIQ	142.4990, 49.8830, 4.5630

# Conversions

## Conversions Part 2

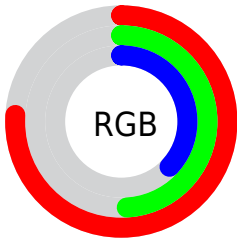
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 140, 95
Decimal	12680799
CIE Lab	59.05, 22.58, 27.52
CIE LCh	59, 35.597, 50.635
Yxy	27.0854, 0.4318, 0.3710
Android (android.graphics.Color)	4290870879 (0xFFC17E5F)
YUV	142.4990, -23.4170, 44.2894
Hunter-Lab	52.0436, 17.0271, 20.0332

# Details

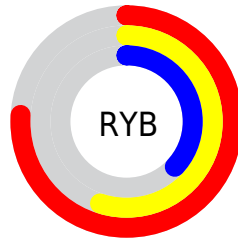
The Hex color **C17E5F** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5FA2C1**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FCB392**, and **884C30** is the 20% darker color. If you saturate the color by 10%, you get **C1714C**, and if you desaturate by 10%, it is **C18B72**.

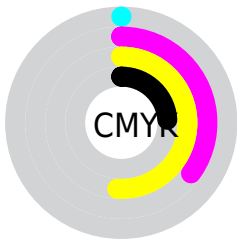
# Distribution



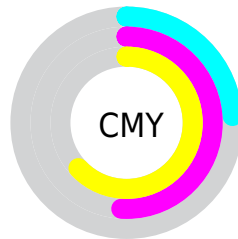
- Red (76%)
- Green (49%)
- Blue (37%)



- Red (76%)
- Yellow (55%)
- Blue (37%)



- Cyan (0%)
- Magenta (35%)
- Yellow (51%)
- Black (24%)



- Cyan (24%)
- Magenta (51%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C17E5F 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 C17E5F by changing the saturation by 10% instead.



 C17E5F

 C17E5F

FFFFFF

 A46547

 FCB392

 884C30

 FFCFAD

 6D351A

 FFEBC8

 521E02

 FFFFFE4

 380800

 200001

 000000

 C17E5F

 C17E5F

 C1714C

 C18B72

 C16438

 C19886

 C15625

 C1A699

 C14912

 C1B3AC

 C13D00

 C1C0C0

 C1CDD3

 C1DAE6

 C1E8F9

 C1F5FF

# Harmonies

## Analogous

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



CB767A



C17E5F



AB8950

# Triad

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



C17E5F



3D9E83



838AC8

# Complementary

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



C17E5F



5FA2C1

# 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.



4C94CB



C17E5F



009EA3

# Square

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



C17E5F



699A65



009BBE



AC7EB6

# Rectangle

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



C17E5F



979050



009BBE



728DCB

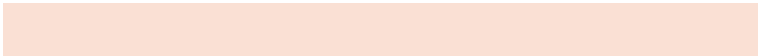


# Sweetspot

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



C17E5F



FAE0D4



C15FA4



7D6E66



FCFCFC



7D7D7D



# Same Dimension

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



C17E5F



FA9261



C1AD5F



615A57



A13300



210A00



# Inverse Universe

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



5FA2C1



61CAFA



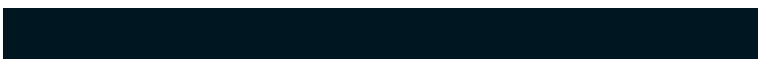
5F73C1



575E61



006EA1



001721



# Previews

## White Background



This preview shows how the Hex color C17E5F 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

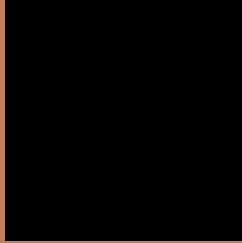
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C17E5F Background



This preview shows how black text looks on a background with the Hex color C17E5F.



This preview shows how white text looks on a background with the Hex color C17E5F.

# 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**  
C17E5F

**Protanopia**  
998E66

**Deuteranopia**  
AB885D



**Tritanopia**  
C47982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C17E5F 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 #C17E5F looks like.

```
.text, #text, p{  
    color:#C17E5F  
}
```

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 #C17E5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C17E5F
}
```

## Border

The CSS property to change the border of an element to Hex C17E5F 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
#C17E5F }
```

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

```
.border{ border-color:#C17E5F }
```

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

Here you see how a box with a 4 pixel #C17E5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C17E5F; -webkit-box-shadow:4px 4px  
4px 4px #C17E5F; box-shadow:4px 4px 4px  
4px #C17E5F }
```

# Background

The CSS property to change the background color of an element to Hex C17E5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C17E5F }
```

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

```
.background{ background-color:#C17E5F }
```

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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