

# Converting Colors

Hex(C17556)

Have a look what the booklet for  
Hex(C17556) contains.

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**Color**

**Hex(C17556)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C17556
RGB	193, 117, 86
RGB Percent	76%, 46%, 34%
CMY	0.2431, 0.5412, 0.6627
CMYK	0.00, 0.39, 0.55, 0.24
HSL	17°, 46%, 55%
HSV	17°, 55%, 76%
XYZ	30.0333, 24.7319, 11.9949
YIQ	136.1900, 55.2470, 6.4710

# Conversions

## Conversions Part 2

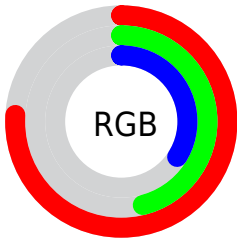
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 130, 86
Decimal	12678486
CIE Lab	56.81, 26.71, 29.66
CIE LCh	57, 39.916, 48.002
Yxy	24.7319, 0.4499, 0.3705
Android (android.graphics.Color)	4290868566 (0xFFC17556)
YUV	136.1900, -24.7437, 49.8224
Hunter-Lab	49.7312, 20.7689, 20.5114

# Details

The Hex color **C17556** is a dark color, and the websafe version is hex **996633**. The color can be described as middle muted orange. A complement of this color would be **56A2C1**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FCAA88**, and **884428** is the 20% darker color. If you saturate the color by 10%, you get **C16743**, and if you desaturate by 10%, it is **C18369**.

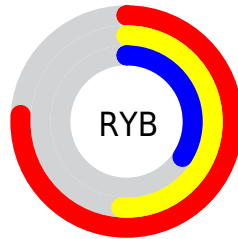
# Distribution



Red (76%)

Green (46%)

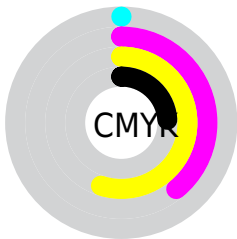
Blue (34%)



Red (76%)

Yellow (51%)

Blue (34%)

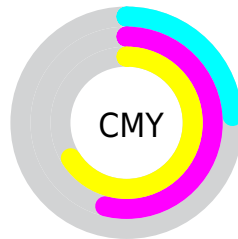


Cyan (0%)

Magenta (39%)

Yellow (55%)

Black (24%)



Cyan (24%)

Magenta (54%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C17556 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 C17556 by changing the saturation by 10% instead.



 C17556

 C17556

FFFFFF

 A45C3E


 FCAA88

 884428

 FFC5A3

 6C2C12

 FFE1BE

 511500

 FFFEDA

 360000

 FFFFF6

 1A0001

 000000

 C17556

 C17556

 C16743

 C18369

 C15A2F

 C1907D

 C14C1C

 C19E90

 C13E09

 C1ACA3

 C13800

 C1BAB7

 C1C7CA

 C1D5DD

 C1E3F0

 C1F0FF

# Harmonies

## Analogous

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



CB6C75



C17556



AA8143

# Triad

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



C17556



299979



7585CA

# Complementary

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



C17556



56A2C1

# 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.



2790CC



C17556



009A9D

# Square

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



C17556



619558



0097BB



A677B7

# Rectangle

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



C17556



958941



0097BB



6089CD

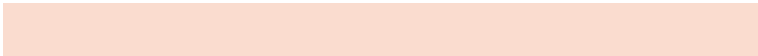


# Sweetspot

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



C17556



FADCCF



C156A3



7D6B64



FCFCFC



7D7D7D



# Same Dimension

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



C17556



FA8352



C1AA56



615A57



A12F00



210A00



# Inverse Universe

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



56A2C1



52C9FA



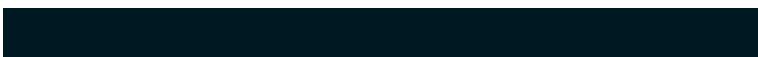
566DC1



575E61



0072A1



001821



# Previews

## White Background



This preview shows how the Hex color C17556 looks on a white background.

## Color Contrast Check

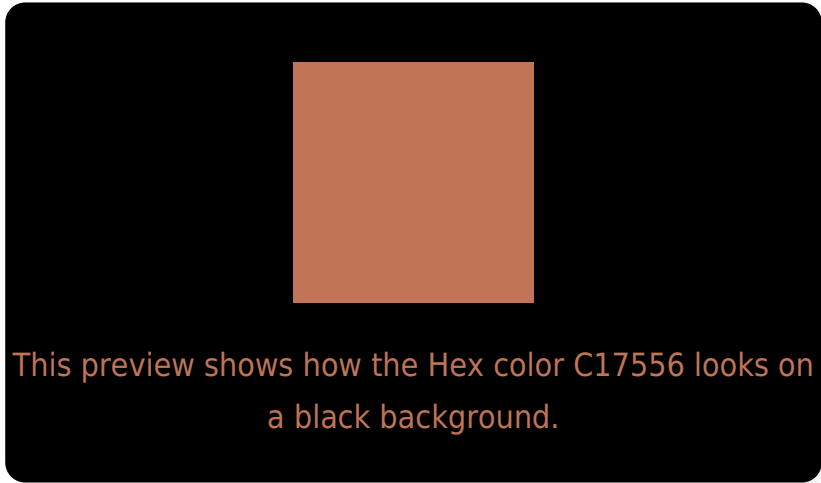
Large Text (above 18pt) WCAG AA ✓ Pass

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

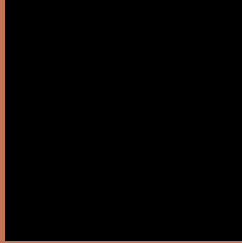
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C17556 Background



This preview shows how black text looks on a background with the Hex color C17556.



This preview shows how white text looks on a background with the Hex color C17556.

# 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**  
C17556

**Protanopia**  
94895E

**Deuteranopia**  
A68353



**Tritanopia**  
C37079

# Trichromacy



**Original Color**  
C17556

**Protanomaly**  
A4825B

**Deuteranomaly**  
B07E54

**Tritanomaly**  
C2726C

# Monochromacy



**Original Color**  
C17556

**Achromatopsia**  
888888

**Achromatomaly**  
9D8176

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C17556 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 #C17556 looks like.

```
.text, #text, p{  
    color:#C17556  
}
```

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 #C17556 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C17556
}
```

## Border

The CSS property to change the border of an element to Hex C17556 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
#C17556 }
```

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

```
.border{ border-color:#C17556 }
```

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

Here you see how a box with a 4 pixel #C17556 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C17556; -webkit-box-shadow:4px 4px  
4px 4px #C17556; box-shadow:4px 4px 4px  
4px #C17556 }
```

# Background

The CSS property to change the background color of an element to Hex C17556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C17556 }
```

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

```
.background{ background-color:#C17556 }
```

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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