

# Converting Colors

Hex(C17649)

Have a look what the booklet for  
Hex(C17649) contains.

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**Color**

**Hex(C17649)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C17649
RGB	193, 118, 73
RGB Percent	76%, 46%, 29%
CMY	0.2431, 0.5373, 0.7137
CMYK	0.00, 0.39, 0.62, 0.24
HSL	23°, 49%, 52%
HSV	23°, 62%, 76%
XYZ	29.6734, 24.7754, 9.5215
YIQ	135.2950, 59.1450, 1.9050

# Conversions

## Conversions Part 2

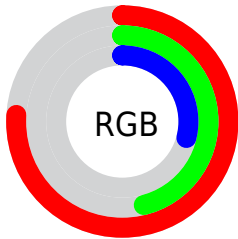
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	193, 145, 73
Decimal	12678729
CIE Lab	56.86, 25.16, 36.84
CIE LCh	57, 44.612, 55.671
Yxy	24.7754, 0.4639, 0.3873
Android (android.graphics.Color)	4290868809 (0xFFC17649)
YUV	135.2950, -30.7114, 50.6073
Hunter-Lab	49.7749, 19.3070, 23.5007

# Details

The Hex color **C17649** is a dark color, and the websafe version is hex **996633**. The color can be described as dark muted orange. A complement of this color would be **4994C1**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FDAB7B**, and **87451A** is the 20% darker color. If you saturate the color by 10%, you get **C16A36**, and if you desaturate by 10%, it is **C1825C**.

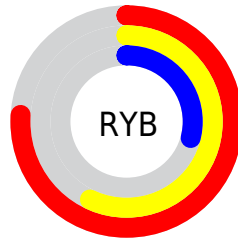
# Distribution



Red (76%)

Green (46%)

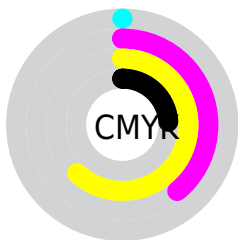
Blue (29%)



Red (76%)

Yellow (57%)

Blue (29%)

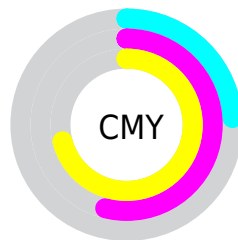


Cyan (0%)

Magenta (39%)

Yellow (62%)

Black (24%)



Cyan (24%)

Magenta (54%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C17649 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 C17649 by changing the saturation by 10% instead.



 C17649

 C17649

FFFFFF

 A45D31

 FDAB7B

 87451A

 FFC695

 6B2D02

 FFE2B0

 501700

 FFFFCC

 340100

 FFFFEE

 180001

 000000

 C17649

 C17649

 C16A36

 C1825C

 C15E22

 C18E70

 C1520F

 C19A83

 C14800

 C1A696

 C1B2AA

 C1BEBD

 C1CAD0

 C1D6E3

 C1E3F7

# Harmonies

## Analogous

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



D06A69



C17649



A48438

# Triad

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



C17649



009C81



8280CF

# Complementary

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



C17649



4994C1

# 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.



2B8ED6



C17649



009CA9

# Square

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



C17649



4D985B



0097C8



B371B5

# Rectangle

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



C17649



8B8D3A



0097C8



6B85D3



# Sweetspot

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



C17649



FADCCA



C14995



7D6B60



FCFCFC



7D7D7D



# Same Dimension

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



C17649



FA853E



C1B149



615B57



A13C00



210C00



# Inverse Universe

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



4994C1



3EB4FA



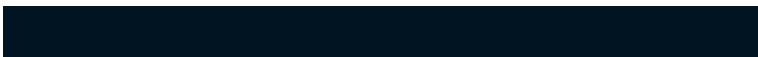
4959C1



575D61



0064A1



001521



# Previews

## White Background



This preview shows how the Hex color C17649 looks on a white background.

## Color Contrast Check

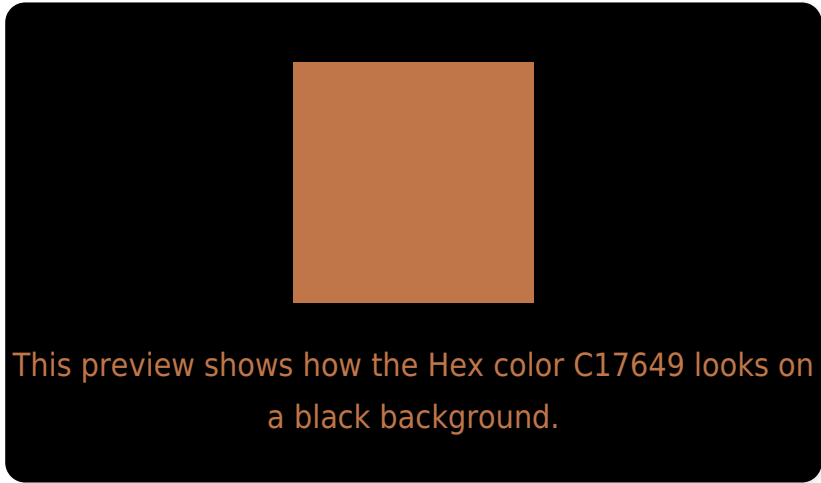
Large Text (above 18pt) WCAG AA ✓ Pass

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

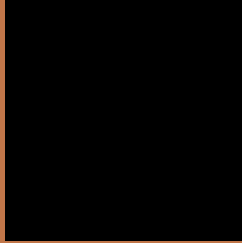
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C17649 Background



This preview shows how black text looks on a background with the Hex color C17649.



This preview shows how white text looks on a background with the Hex color C17649.

# 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**  
C17649

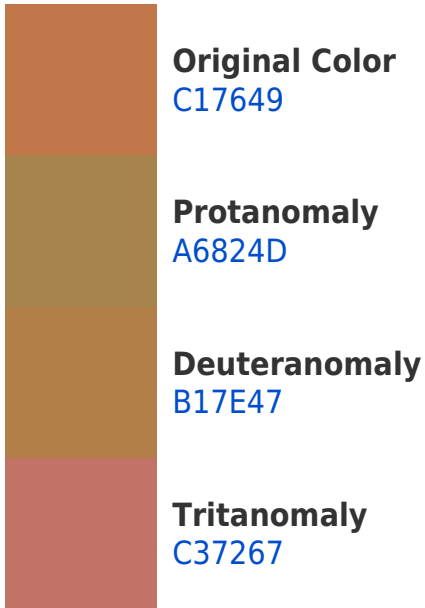
**Protanopia**  
968950

**Deuteranopia**  
A88246



**Tritanopia**  
C47078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C17649 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 #C17649 looks like.

```
.text, #text, p{  
    color:#C17649  
}
```

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 #C17649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C17649
}
```

## Border

The CSS property to change the border of an element to Hex C17649 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
#C17649 }
```

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

```
.border{ border-color:#C17649 }
```

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

Here you see how a box with a 4 pixel #C17649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C17649; -webkit-box-shadow:4px 4px  
4px 4px #C17649; box-shadow:4px 4px 4px  
4px #C17649 }
```

# Background

The CSS property to change the background color of an element to Hex C17649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C17649 }
```

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

```
.background{ background-color:#C17649 }
```

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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