

# Converting Colors

Hex(D17A45)

Have a look what the booklet for  
Hex(D17A45) contains.

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**Color**

**Hex(D17A45)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D17A45
RGB	209, 122, 69
RGB Percent	82%, 48%, 27%
CMY	0.1804, 0.5216, 0.7294
CMYK	0.00, 0.42, 0.67, 0.18
HSL	23°, 60%, 55%
HSV	23°, 67%, 82%
XYZ	34.3282, 27.9040, 9.2069
YIQ	141.9710, 68.8650, 1.9610

# Conversions

## Conversions Part 2

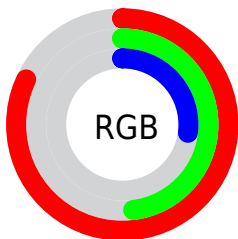
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">209, 154, 69</a>
Decimal	<a href="#">13728325</a>
<a href="#">CIELab</a>	<a href="#">59.80, 29.34, 42.91</a>
<a href="#">CIElCh</a>	<a href="#">60, 51.982, 55.635</a>
<a href="#">Yxy</a>	<a href="#">27.9040, 0.4805, 0.3906</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291918405 (0xFFD17A45)</a>
<a href="#">YUV</a>	<a href="#">141.9710, -35.9747, 58.7844</a>
<a href="#">Hunter-Lab</a>	<a href="#">52.8243, 23.5569, 26.6431</a>

# Details

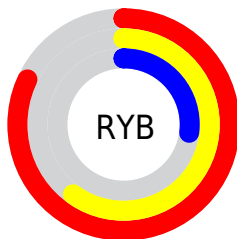
The Hex color **D17A45** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **459CD1**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFAF77**, and **964815** is the 20% darker color. If you saturate the color by 10%, you get **D16D30**, and if you desaturate by 10%, it is **D1875A**.

# Distribution



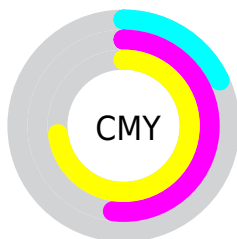
- Red (82%)
- Green (48%)
- Blue (27%)



- Red (82%)
- Yellow (60%)
- Blue (27%)



- Cyan (0%)
- Magenta (42%)
- Yellow (67%)
- Black (18%)



- Cyan (18%)
- Magenta (52%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D17A45 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 D17A45 by changing the saturation by 10% instead.



 D17A45

 D17A45

FFFFFF

 B3612D

 FFAF77

 964815

 FFCB91

 793000

 FFE7AC

 5C1900

 FFFFC8

 400100

 FFFFEE

 290001

 000000

 D17A45

 D17A45

 D16D30

 D1875A

 D1601B

 D1946F

 D15306

 D1A184

 D14F00

 D1AE99

 D1BBAE

 D1C8C2

 D1D5D7

 D1E2EC

 D1EFFF

# Harmonies

## Analogous

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



E36B6B



D17A45



AF8B2F

# Triad

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



D17A45



00A688



8787E3

# Complementary

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



D17A45



459CD1

# 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.



0097EB



D17A45



00A6B6

# Square

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



D17A45



47A25A



00A2DB



C274C4

# Rectangle

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



D17A45



929532



00A2DB



6A8DE8



# Sweetspot

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



D17A45



FFDFCC



D1459E



806C61



000000



808080



# Same Dimension

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



D17A45



FF8033



D1BE45



69625E



A84000



290F00



# Inverse Universe

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



459CD1



33B2FF



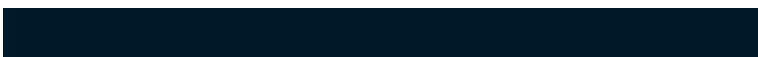
4558D1



5E6569



0069A8

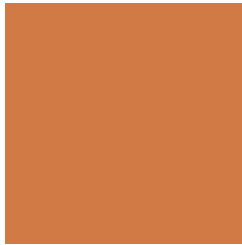


001929



# Previews

## White Background



This preview shows how the Hex color D17A45 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

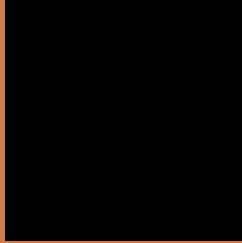
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D17A45 Background



This preview shows how black text looks on a background with the Hex color D17A45.



This preview shows how white text looks on a background with the Hex color D17A45.

# 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**  
D17A45

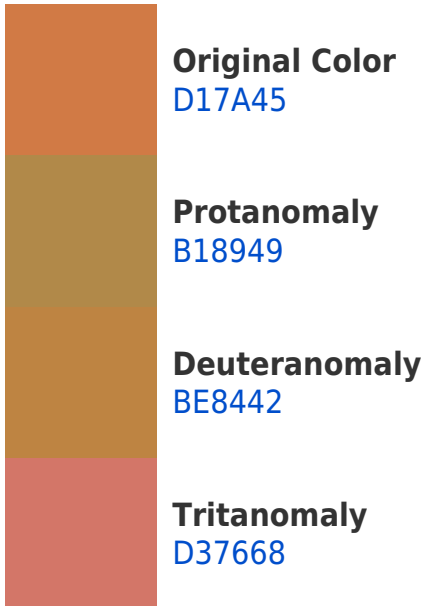
**Protanopia**  
9F914C

**Deuteranopia**  
B38A41

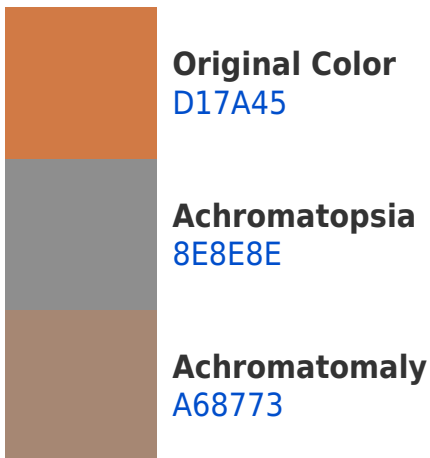


**Tritanopia**  
D4747C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D17A45 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 #D17A45 looks like.

```
.text, #text, p{  
    color:#D17A45  
}
```

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 #D17A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D17A45
}
```

## Border

The CSS property to change the border of an element to Hex D17A45 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
#D17A45 }
```

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

```
.border{ border-color:#D17A45 }
```

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

Here you see how a box with a 4 pixel #D17A45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D17A45; -webkit-box-shadow:4px 4px  
4px 4px #D17A45; box-shadow:4px 4px 4px  
4px #D17A45 }
```

# Background

The CSS property to change the background color of an element to Hex D17A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D17A45 }
```

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

```
.background{ background-color:#D17A45 }
```

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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