

# Converting Colors

Hex(D17E37)

Have a look what the booklet for  
Hex(D17E37) contains.

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# Color

Hex(D17E37)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D17E37
RGB	209, 126, 55
RGB Percent	82%, 49%, 22%
CMY	0.1804, 0.5059, 0.7843
CMYK	0.00, 0.40, 0.74, 0.18
HSL	28°, 63%, 52%
HSV	28°, 74%, 82%
XYZ	34.4449, 28.7529, 7.3488
YIQ	142.7230, 72.2590, -4.4850

# Conversions

## Conversions Part 2

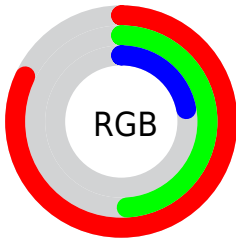
<b>Format</b>	<b>Color</b>
<b>RYB</b>	209, 187, 55
Decimal	13729335
CIELab	60.56, 26.47, 50.58
CIElCh	61, 57.081, 62.378
Yxy	28.7529, 0.4883, 0.4076
Android (android.graphics.Color)	4291919415 (0xFFD17E37)
YUV	142.7230, -43.2474, 58.1249
Hunter-Lab	53.6217, 20.8250, 29.4095

# Details

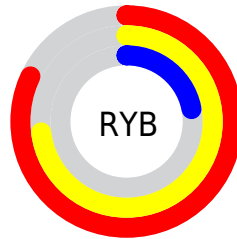
The Hex color **D17E37** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **378AD1**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFB36A**, and **954C00** is the 20% darker color. If you saturate the color by 10%, you get **D17322**, and if you desaturate by 10%, it is **D1894C**.

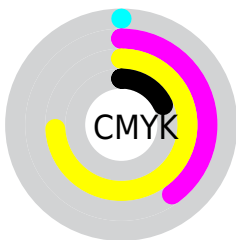
# Distribution



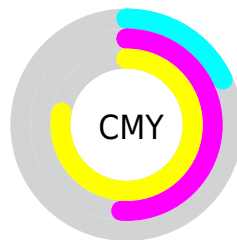
- Red (82%)
- Green (49%)
- Blue (22%)



- Red (82%)
- Yellow (73%)
- Blue (22%)



- Cyan (0%)
- Magenta (40%)
- Yellow (74%)
- Black (18%)



- Cyan (18%)
- Magenta (51%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D17E37 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 D17E37 by changing the saturation by 10% instead.



 D17E37

 D17E37

FFFFFF

 B3651D

 FFB36A

 954C00

 FFCF84

 783500

 FFEB9F

 5B1E00

 FFFFBA

 400600

 FFFFD6

 290001

 FFFFF3

 000000

 D17E37

 D17E37

 D17322

 D1894C

 D1670D

 D19561

 D16000

 D1A076

 D1AB8B

 D1B6A0

 D1C2B4

 D1CDC9

 D1D8DE

 D1E3F3

# Harmonies

## Analogous

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



EA6B5F



D17E37



A99123

# Triad

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



D17E37



00AA95



9883E8

# Complementary

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



D17E37



378AD1

# 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.



0E96F7



D17E37



00A9C7

# Square

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



D17E37



22A761



00A3EB



D26EC2

# Rectangle

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



D17E37



889B2C



00A3EB



7C8AF0

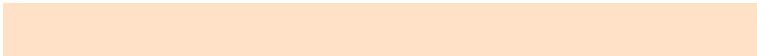


# Sweetspot

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



D17E37



FFE1C7



D1378C



806E5E



000000



808080



# Same Dimension

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



D17E37



FF861F



D1C937



69635E



A84E00



291300



# Inverse Universe

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



378AD1



1F98FF



373FD1



5E6469



005BA8



001629



# Previews

## White Background



This preview shows how the Hex color D17E37 looks on a white background.

## Color Contrast Check

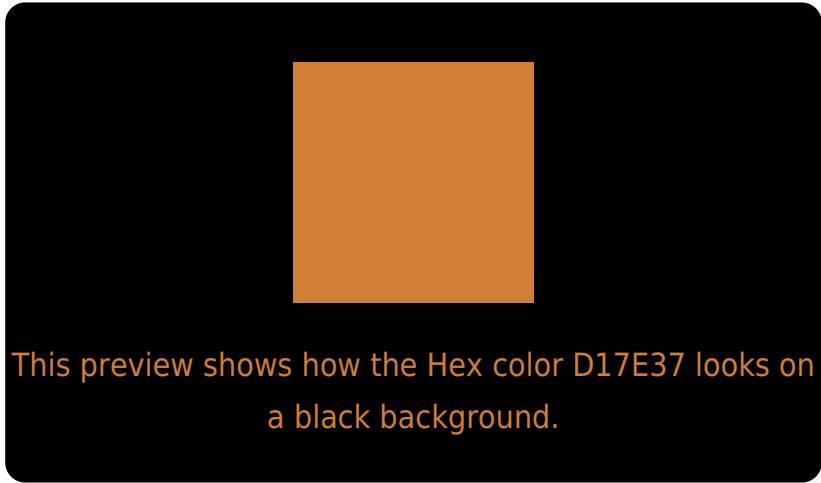
Large Text (above 18pt) WCAG AA ✓ Pass

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

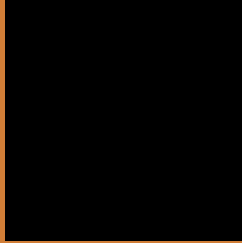
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D17E37 Background



This preview shows how black text looks on a background with the Hex color D17E37.

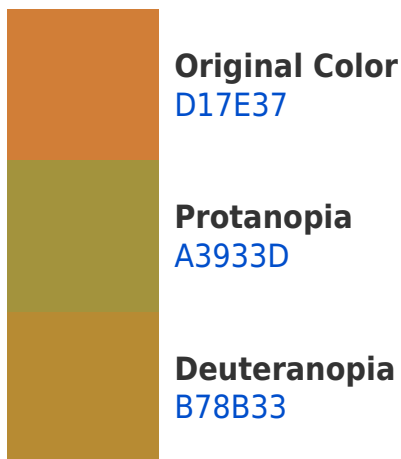



This preview shows how white text looks on a background with the Hex color D17E37.

# 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](#).

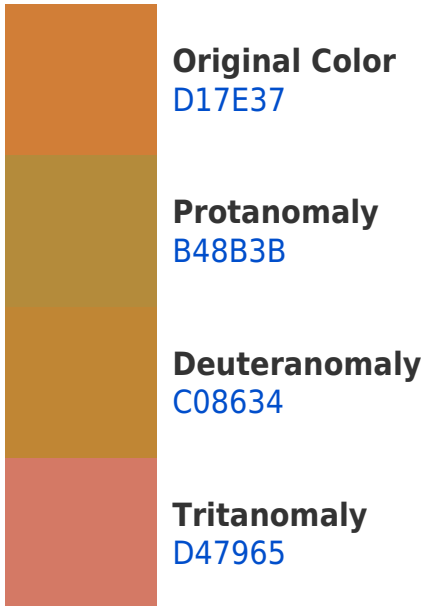
## Dichromacy



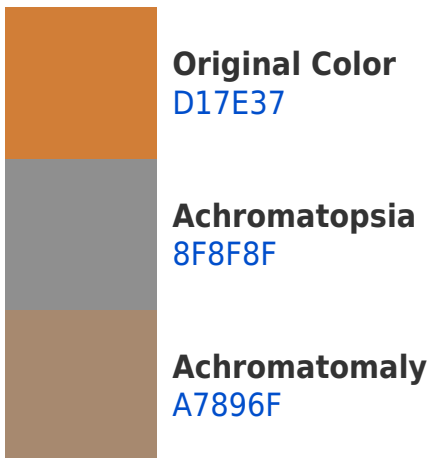


**Tritanopia**  
D5767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D17E37 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 #D17E37 looks like.

```
.text, #text, p{  
    color:#D17E37  
}
```

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 #D17E37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D17E37
}
```

## Border

The CSS property to change the border of an element to Hex D17E37 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
#D17E37 }
```

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

```
.border{ border-color:#D17E37 }
```

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

Here you see how a box with a 4 pixel #D17E37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D17E37; -webkit-box-shadow:4px 4px  
4px 4px #D17E37; box-shadow:4px 4px 4px  
4px #D17E37 }
```

# Background

The CSS property to change the background color of an element to Hex D17E37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D17E37 }
```

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

```
.background{ background-color:#D17E37 }
```

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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