

# Converting Colors

Hex(D57F4D)

Have a look what the booklet for  
Hex(D57F4D) contains.

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# Color

**Hex(D57F4D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D57F4D
RGB	213, 127, 77
RGB Percent	84%, 50%, 30%
CMY	0.1647, 0.5020, 0.6980
CMYK	0.00, 0.40, 0.64, 0.16
HSL	22°, 62%, 57%
HSV	22°, 64%, 84%
XYZ	36.3695, 29.8607, 10.8680
YIQ	147.0140, 67.3060, 2.6820

# Conversions

## Conversions Part 2

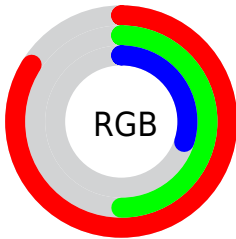
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 156, 77
Decimal	13991757
CIE <sub>Lab</sub>	61.53, 28.80, 40.91
CIE <sub>LCh</sub>	62, 50.026, 54.852
Yxy	29.8607, 0.4717, 0.3873
Android (android.graphics.Color)	4292181837 (0xFFD57F4D)
YUV	147.0140, -34.5169, 57.8697
Hunter-Lab	54.6449, 23.1738, 26.4596

# Details

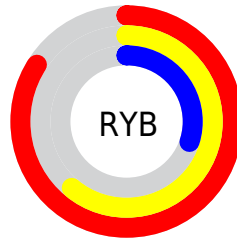
The Hex color **D57F4D** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **4DA3D5**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFB47F**, and **9A4D1D** is the 20% darker color. If you saturate the color by 10%, you get **D57238**, and if you desaturate by 10%, it is **D58C62**.

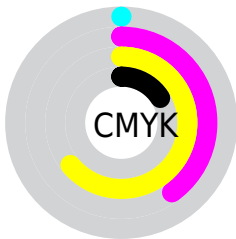
# Distribution



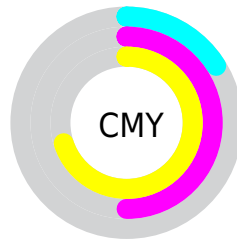
- Red (84%)
- Green (50%)
- Blue (30%)



- Red (84%)
- Yellow (61%)
- Blue (30%)



- Cyan (0%)
- Magenta (40%)
- Yellow (64%)
- Black (16%)



- Cyan (16%)
- Magenta (50%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D57F4D 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 D57F4D by changing the saturation by 10% instead.



 D57F4D

 D57F4D

FFFFFF

 B76535

 FFB47F

 9A4D1D

 FFD09A

 7D3504

 FFEDB5

 611D00

 FFFFD1

 440500

 FFFFED

 2C0000

 000000

 D57F4D

 D57F4D

 D57238

 D58C62

 D56422

 D59A78

 D5570D

 D5A78D

 D54E00

 D5B5A2

 D5C2B7

 D5D0CD

 D5DDE2

 D5EBF7

 D5F8FF

# Harmonies

## Analogous

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



E67172



D57F4D



B49039

# Triad

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



D57F4D



00AA8B



8A8CE5

# Complementary

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



D57F4D



4DA3D5

# 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.



0F9CED



D57F4D



00AAB8

# Square

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



D57F4D



52A660



00A6DC



C47AC8

# Rectangle

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



D57F4D



99993A



00A6DC



7092EA



# Sweetspot

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



D57F4D



FFE0CF



D54DA3



806D62



000000



808080



# Same Dimension

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



D57F4D



FF833B



D5C34D



6B6460



AB3F00



2B1000



# Inverse Universe

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



4DA3D5



3BB7FF



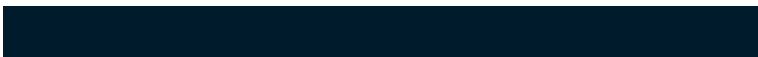
4D5FD5



60676B



006CAB



001B2B



# Previews

## White Background



This preview shows how the Hex color D57F4D looks on a white background.

## Color Contrast Check

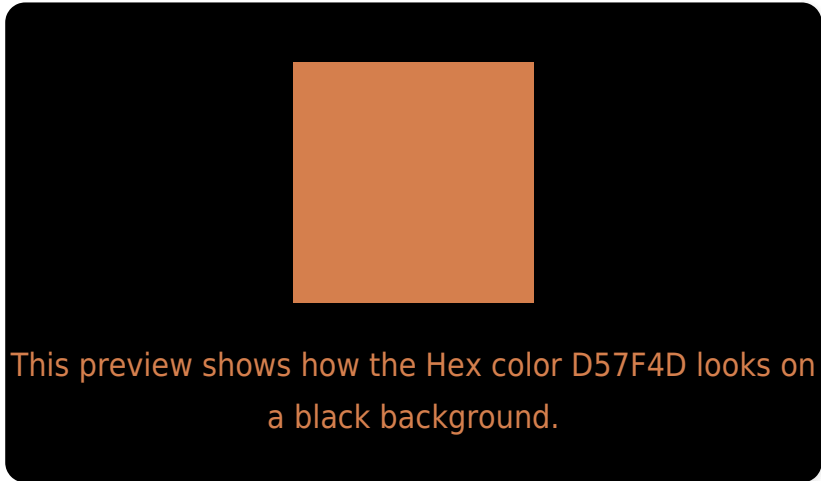
Large Text (above 18pt) WCAG AA ✓ Pass

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

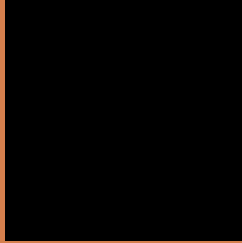
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D57F4D Background



This preview shows how black text looks on a background with the Hex color D57F4D.



This preview shows how white text looks on a background with the Hex color D57F4D.

# 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**  
D57F4D

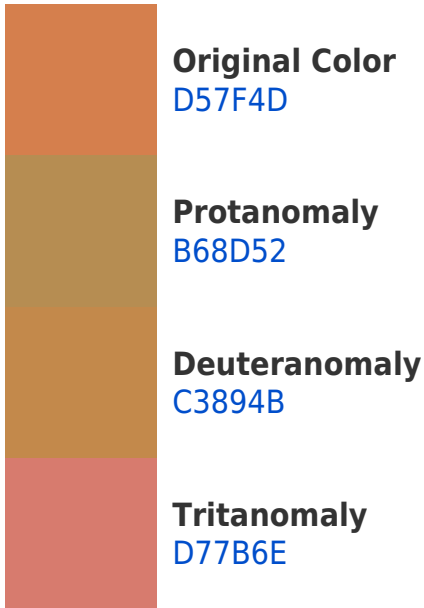
**Protanopia**  
A49555

**Deuteranopia**  
B88E4A

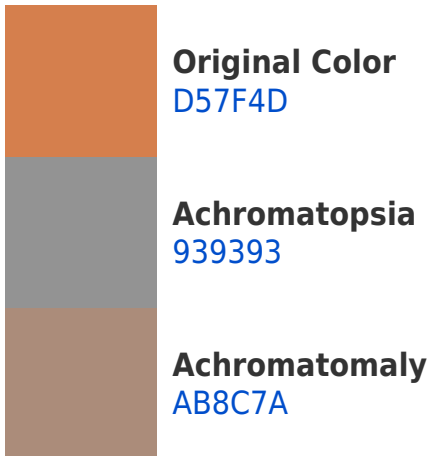


**Tritanopia**  
D87981

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D57F4D 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 #D57F4D looks like.

```
.text, #text, p{  
    color:#D57F4D  
}
```

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 #D57F4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D57F4D
}
```

## Border

The CSS property to change the border of an element to Hex D57F4D 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
#D57F4D }
```

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

```
.border{ border-color:#D57F4D }
```

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

Here you see how a box with a 4 pixel #D57F4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D57F4D; -webkit-box-shadow:4px 4px  
4px 4px #D57F4D; box-shadow:4px 4px 4px  
4px #D57F4D }
```

# Background

The CSS property to change the background color of an element to Hex D57F4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D57F4D }
```

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

```
.background{ background-color:#D57F4D }
```

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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