

# Converting Colors

Hex(D47E43)

Have a look what the booklet for  
Hex(D47E43) contains.

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**Color**

**Hex(D47E43)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D47E43
RGB	212, 126, 67
RGB Percent	83%, 49%, 26%
CMY	0.1686, 0.5059, 0.7373
CMYK	0.00, 0.41, 0.68, 0.17
HSL	24°, 63%, 55%
HSV	24°, 68%, 83%
XYZ	35.6254, 29.3240, 9.0926
YIQ	144.9880, 70.1950, -0.1170

# Conversions

## Conversions Part 2

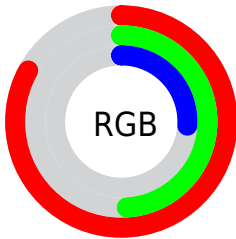
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 166, 67
Decimal	13925955
CIE Lab	61.07, 28.32, 45.45
CIE LCh	61, 53.555, 58.074
Yxy	29.3240, 0.4812, 0.3960
Android (android.graphics.Color)	4292116035 (0xFFD47E43)
YUV	144.9880, -38.4481, 58.7695
Hunter-Lab	54.1516, 22.6664, 27.9507

# Details

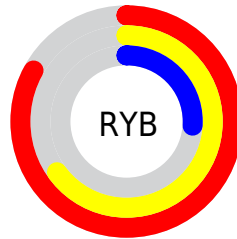
The Hex color **D47E43** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **4399D4**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFB375**, and **984C11** is the 20% darker color. If you saturate the color by 10%, you get **D4712E**, and if you desaturate by 10%, it is **D48B58**.

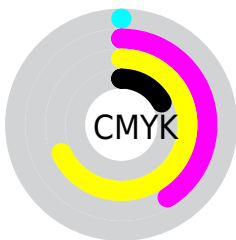
# Distribution



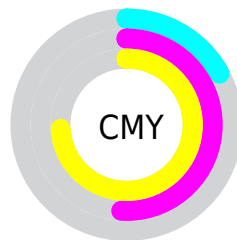
- Red (83%)
- Green (49%)
- Blue (26%)



- Red (83%)
- Yellow (65%)
- Blue (26%)



- Cyan (0%)
- Magenta (41%)
- Yellow (68%)
- Black (17%)



- Cyan (17%)
- Magenta (51%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D47E43 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 D47E43 by changing the saturation by 10% instead.



 D47E43

 D47E43

FFFFFF

 B6652B

 FF375

 984C11

 FFCF90

 7B3400

 FFEBAB

 5F1D00

 FFFFC6

 430500

 FFFF2

 2B0001

 000000

 D47E43

 D47E43

 D4712E

 D48B58

 D46519

 D4976D

 D45803

 D4A483

 D45600

 D4B098

 D4BDAD

 D4C9C2

 D4D6D7

 D4E3ED

 D4EFFF

# Harmonies

## Analogous

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



E86E6A



D47E43



B0902E

# Triad

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



D47E43



00AA8F



9088E7

# Complementary

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



D47E43



4399D4

# 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.



009AF2



D47E43



00AABF

# Square

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



D47E43



41A65F



00A5E3



CA75C6

# Rectangle

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



D47E43



929A33



00A5E3



748EEE

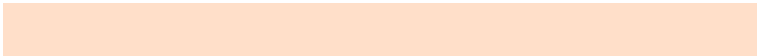


# Sweetspot

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



D47E43



FFDFC9



D4439A



806D60



000000



808080



# Same Dimension

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



D47E43



FF832E



D4C643



6B6560



AB4600



2B1200



# Inverse Universe

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



4399D4



2EAAFF



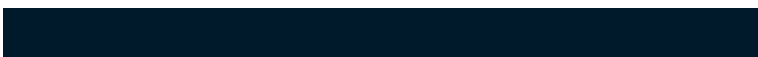
4351D4



60676B



0065AB

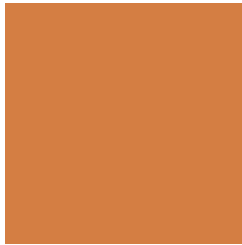


001A2B



# Previews

## White Background



This preview shows how the Hex color D47E43 looks on a white background.

## Color Contrast Check

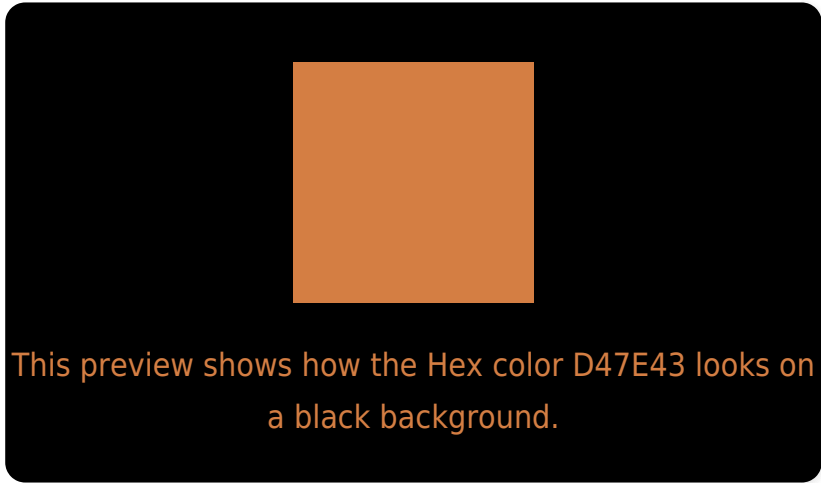
Large Text (above 18pt) WCAG AA ✓ Pass

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

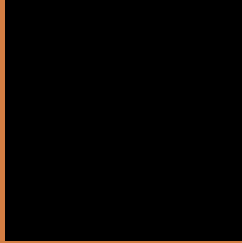
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D47E43 Background



This preview shows how black text looks on a background with the Hex color D47E43.



This preview shows how white text looks on a background with the Hex color D47E43.

# 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**  
D47E43

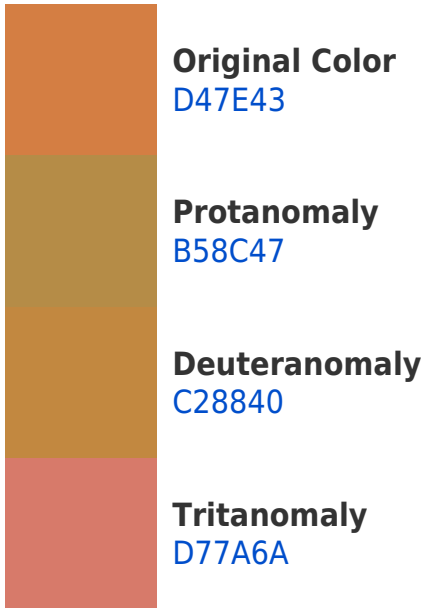
**Protanopia**  
A3944A

**Deuteranopia**  
B78D3F

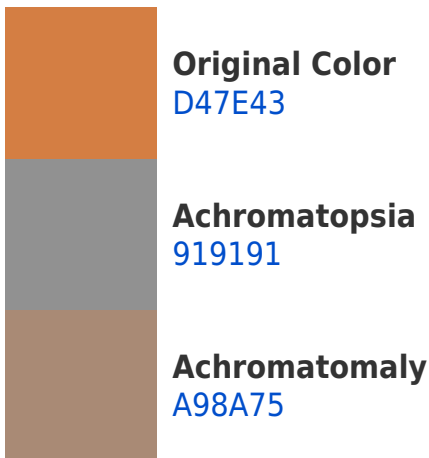


**Tritanopia**  
D87780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D47E43 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 #D47E43 looks like.

```
.text, #text, p{  
    color:#D47E43  
}
```

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 #D47E43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47E43
}
```

## Border

The CSS property to change the border of an element to Hex D47E43 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
#D47E43 }
```

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

```
.border{ border-color:#D47E43 }
```

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

Here you see how a box with a 4 pixel #D47E43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47E43; -webkit-box-shadow:4px 4px  
4px 4px #D47E43; box-shadow:4px 4px 4px  
4px #D47E43 }
```

# Background

The CSS property to change the background color of an element to Hex D47E43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47E43 }
```

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

```
.background{ background-color:#D47E43 }
```

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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