

Converting Colors

Hex(D47F57)

Have a look what the booklet for
Hex(D47F57) contains.

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Color

Hex(D47F57)

Conversions

Conversions Part 1

Format	Color
Hex	D47F57
RGB	212, 127, 87
RGB Percent	83%, 50%, 34%
CMY	0.1686, 0.5020, 0.6588
CMYK	0.00, 0.40, 0.59, 0.17
HSL	19°, 59%, 59%
HSV	19°, 59%, 83%
XYZ	36.4610, 29.8639, 12.8594
YIQ	147.8550, 63.5000, 5.5800

Conversions

Conversions Part 2

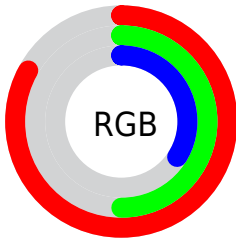
Format	Color
RYB	212, 146, 87
Decimal	13926231
CIELab	61.54, 29.09, 35.56
CIElCh	62, 45.942, 50.712
Yxy	29.8639, 0.4605, 0.3771
Android (android.graphics.Color)	4292116311 (0xFFD47F57)
YUV	147.8550, -30.0015, 56.2552
Hunter-Lab	54.6479, 23.4613, 24.3017

Details

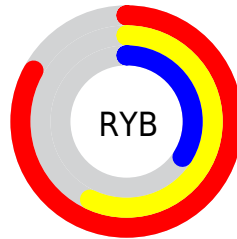
The Hex color **D47F57** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **57ACD4**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFB48A**, and **994D28** is the 20% darker color. If you saturate the color by 10%, you get **D47142**, and if you desaturate by 10%, it is **D48D6C**.

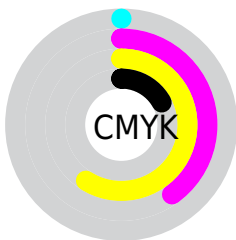
Distribution



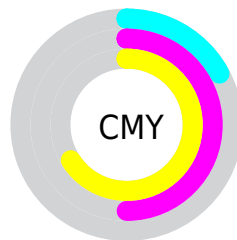
- Red (83%)
- Green (50%)
- Blue (34%)



- Red (83%)
- Yellow (57%)
- Blue (34%)



- Cyan (0%)
- Magenta (40%)
- Yellow (59%)
- Black (17%)



- Cyan (17%)
- Magenta (50%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color D47F57 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 D47F57 by changing the saturation by 10% instead.

 D47F57

 D47F57

FFFFFF

 B6653F

 FFB48A

 994D28

 FFD0A4

 7C3511

 FFEDBF

 611D00

 FFFFDC

 450400

 FFFFF8

 2C0000

 000000

 D47F57

 D47F57

 D47142

 D48D6C

 D4622D

 D49C81

 D45417

 D4AA97

 D44502

 D4B9AC

 D44400

 D4C7C1

 D4D5D6

 D4E4EB

 D4F2FF

 D4FFFF

Harmonies

Analogous

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



E1747A



D47F57



B88E42

Triad

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



D47F57



00A886



838FE1

Complementary

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



D47F57



57ACD4

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.



1C9DE4



D47F57



00A9B0

Square

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



D47F57



61A45F



00A5D3



BB7FC9

Rectangle

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



D47F57



9F9741



00A5D3



6A94E4

Sweetspot

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



D47F57



FFE0D1



D457AC



806C63



000000



808080

Same Dimension

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



D47F57



FF844A



D4BD57



6B6460



AB3700



2B0E00

Inverse Universe

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



57ACD4



4AC5FF



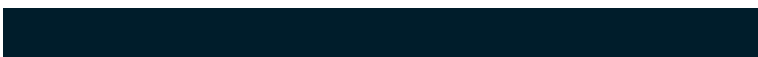
576ED4



60686B



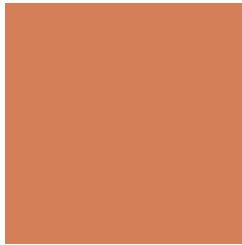
0074AB



001D2B

Previews

White Background



This preview shows how the Hex color D47F57 looks on a white background.

Color Contrast Check

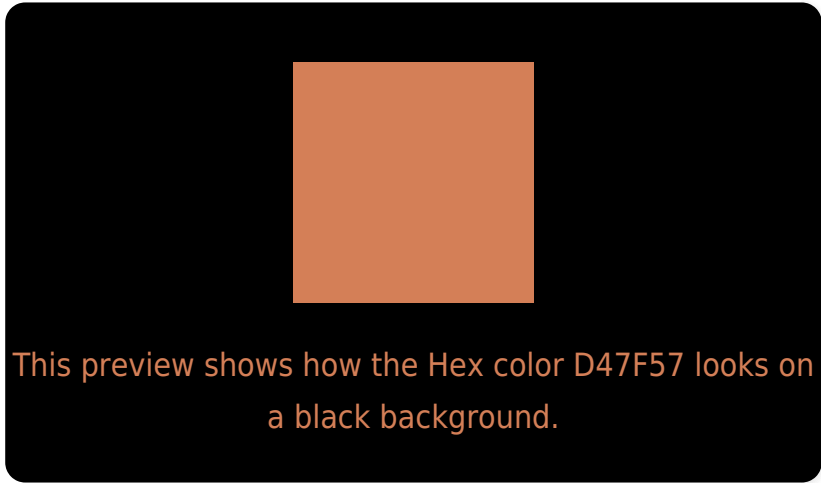
Large Text (above 18pt) WCAG AA ✓ Pass

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

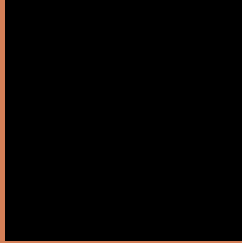
Any Text WCAG AA ✓ Pass

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 D47F57 Background



This preview shows how black text looks on a background with the Hex color D47F57.



This preview shows how white text looks on a background with the Hex color D47F57.

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
D77982

Trichromacy



Original Color
D47F57

Protanomaly
B48D5C

Deuteranomaly
C18955

Tritanomaly
D67B72

Monochromacy



Original Color
D47F57

Achromatopsia
949494

Achromatomaly
AB8C7E

CSS Examples

Text

The CSS property to change the color of the text to Hex D47F57 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 #D47F57 looks like.

```
.text, #text, p{  
    color:#D47F57  
}
```

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 #D47F57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47F57
}
```

Border

The CSS property to change the border of an element to Hex D47F57 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
#D47F57 }
```

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

```
.border{ border-color:#D47F57 }
```

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

Here you see how a box with a 4 pixel #D47F57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47F57; -webkit-box-shadow:4px 4px  
4px 4px #D47F57; box-shadow:4px 4px 4px  
4px #D47F57 }
```

Background

The CSS property to change the background color of an element to Hex D47F57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47F57 }
```

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

```
.background{ background-color:#D47F57 }
```

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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