

Converting Colors

Hex(D47147)

Have a look what the booklet for
Hex(D47147) contains.

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Color

Hex(D47147)

Conversions

Conversions Part 1

Format	Color
Hex	D47147
RGB	212, 113, 71
RGB Percent	83%, 44%, 28%
CMY	0.1686, 0.5569, 0.7216
CMYK	0.00, 0.47, 0.67, 0.17
HSL	18°, 62%, 55%
HSV	18°, 67%, 83%
XYZ	34.1938, 26.2622, 9.2281
YIQ	137.8130, 72.4860, 7.9260

Conversions

Conversions Part 2

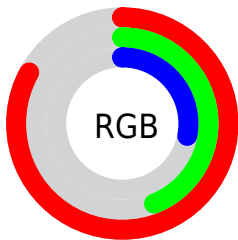
Format	Color
R_{YB}	212, 131, 71
Decimal	13922631
CIE _{Lab}	58.29, 35.41, 40.23
CIE _{LCh}	58, 53.595, 48.640
Yxy	26.2622, 0.4907, 0.3769
Android (android.graphics.Color)	4292112711 (0xFFD47147)
YUV	137.8130, -32.9388, 65.0620
Hunter-Lab	51.2467, 29.4206, 25.1962

Details

The Hex color **D47147** 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 **47AAD4**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFA679**, and **983F18** is the 20% darker color. If you saturate the color by 10%, you get **D46232**, and if you desaturate by 10%, it is **D4805C**.

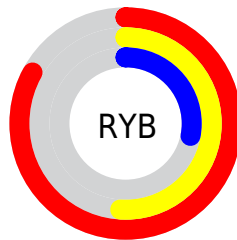
Distribution



Red (83%)

Green (44%)

Blue (28%)



Red (83%)

Yellow (51%)

Blue (28%)

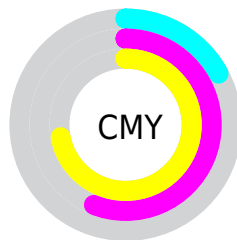


Cyan (0%)

Magenta (47%)

Yellow (67%)

Black (17%)



Cyan (17%)

Magenta (56%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color D47147 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 D47147 by changing the saturation by 10% instead.

 D47147

 D47147

FFFFFF

 B6572F

 FFA679

 983F18

 FFC293

 7B2600

 FFDEAE

 5E0A00

 FFFBC9

 410000

 FFFFEE

 290001

 000000

 D47147

 D47147

 D46232

 D4805C

 D4531D

 D48F71

 D44407

 D49E87

 D43F00

 D4AD9C

 D4BBB1

 D4CAC6

 D4D9DB

 D4E8F1

 D4F7FF

Harmonies

Analogous

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



E26371



D47147



B4832B

Triad

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



D47147



00A278



6D87E5

Complementary

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



D47147



47AAD4

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.



0096E8



D47147



00A3A9

Square

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



D47147



519D4B



00A0D2



B373CB

Rectangle

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



D47147



998E27



00A0D2



488DE9

Sweetspot

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



D47147



FFDBCC



D447AC



806A61



000000



808080

Same Dimension

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



D47147



FF7033



D4B547



6B6460



AB3300



2B0D00

Inverse Universe

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



47AAD4



33C2FF



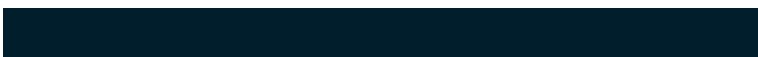
4766D4



60686B



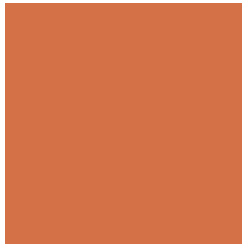
0078AB



001E2B

Previews

White Background



This preview shows how the Hex color D47147 looks on a white background.

Color Contrast Check

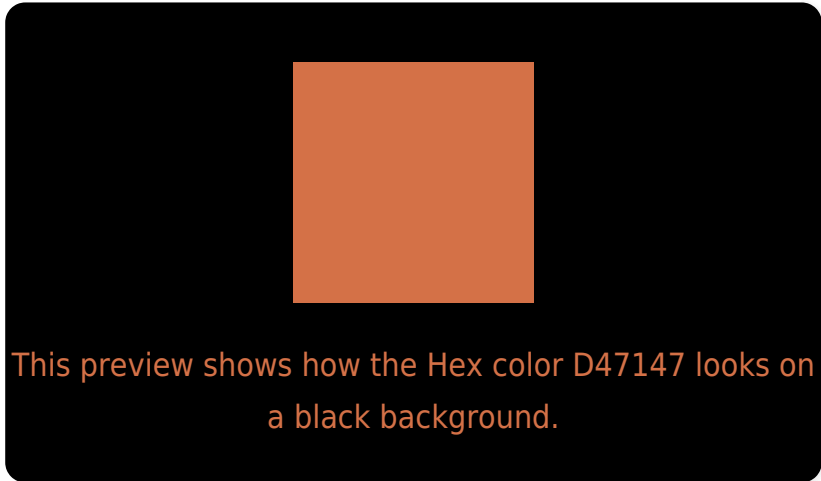
Large Text (above 18pt) WCAG AA ✓ Pass

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 D47147 Background



This preview shows how black text looks on a background with the Hex color D47147.



This preview shows how white text looks on a background with the Hex color D47147.

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
D47147

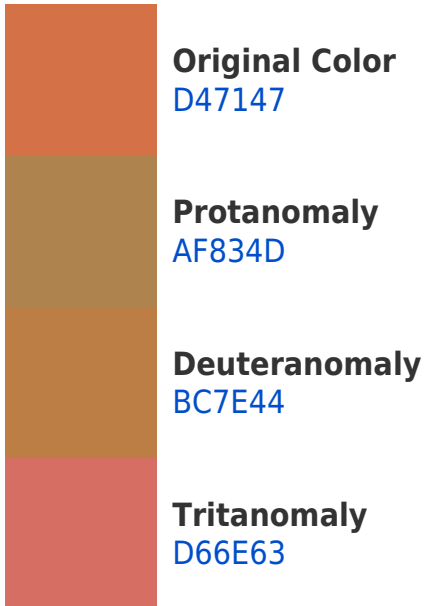
Protanopia
9A8D50

Deuteranopia
AE8642

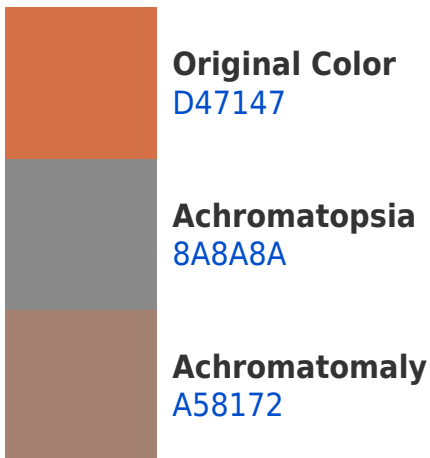


Tritanopia
D76C73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D47147 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 #D47147 looks like.

```
.text, #text, p{  
    color:#D47147  
}
```

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 #D47147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47147
}
```

Border

The CSS property to change the border of an element to Hex D47147 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
#D47147 }
```

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

```
.border{ border-color:#D47147 }
```

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

Here you see how a box with a 4 pixel #D47147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47147; -webkit-box-shadow:4px 4px  
4px 4px #D47147; box-shadow:4px 4px 4px  
4px #D47147 }
```

Background

The CSS property to change the background color of an element to Hex D47147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47147 }
```

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

```
.background{ background-color:#D47147 }
```

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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