

Converting Colors

Hex(D47400)

Have a look what the booklet for
Hex(D47400) contains.

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Color

Hex(D47400)

Conversions

Conversions Part 1

Format	Color
Hex	D47400
RGB	212, 116, 0
RGB Percent	83%, 45%, 0%
CMY	0.1686, 0.5451, 1.0000
CMYK	0.00, 0.45, 1.00, 0.17
HSL	33°, 100%, 42%
HSV	33°, 100%, 83%
XYZ	33.3968, 26.4878, 3.3525
YIQ	131.4800, 94.4520, -15.7240

Conversions

Conversions Part 2

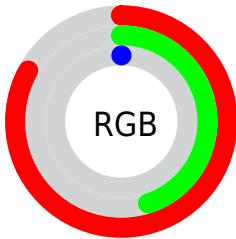
Format	Color
RYB	175, 212, 0
Decimal	13923328
CIELab	58.50, 31.72, 65.76
CIElCh	58, 73.007, 64.252
Yxy	26.4878, 0.5281, 0.4189
Android (android.graphics.Color)	4292113408 (0xFFD47400)
YUV	131.4800, -64.8196, 70.6160
Hunter-Lab	51.4663, 25.7635, 32.1643

Details

The Hex color **D47400** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **0060D4**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FFA944**, and **974200** is the 20% darker color. If you saturate the color by 10%, you get **D47400**, and if you desaturate by 10%, it is **D47E15**.

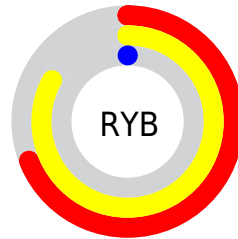
Distribution



Red (83%)

Green (45%)

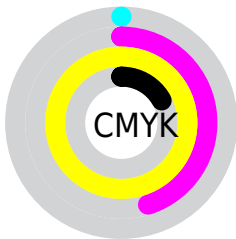
Blue (0%)



Red (69%)

Yellow (83%)

Blue (0%)

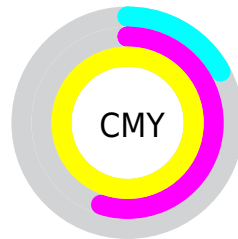


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D47400 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 D47400 by changing the saturation by 10% instead.

 D47400

 D47400

FFFFFF

 B55B00

 FFA944

 974200

 FFC45F

 782A00

 FFE17A

 5B1200

 FFFD95

 3F0000

 FFFFB1

 270001

 FFFFCD

 000000

 FFFFEA

 D47400

 D47E15

 D4872A

 D49140

 D49A55

 D4A46A

 D4AE7F

 D4B794

 D4C1AA

 D4CABF

Harmonies

Analogous

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



F55548



D47400



A18D00

Triad

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



D47400



00A994



9677F7

Complementary

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



D47400



0060D4

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.



0092FF



D47400



00A8D3

Square

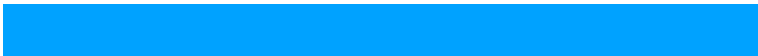
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D47400



00A651



00A2FF



DF56C5

Rectangle

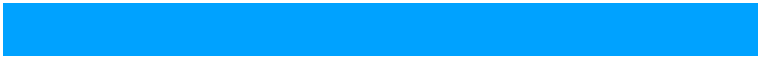
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D47400



779900



00A2FF



6E81FF

Sweetspot

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



D47400



FFDCB3



D40063



806B52



000000



808080

Same Dimension

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



D47400



FF8C00



CDD400



6B6660



AB5D00



2B1800

Inverse Universe

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



0060D4



0073FF



0700D4



60656B



004DAB



00142B

Previews

White Background



This preview shows how the Hex color D47400 looks on a white background.

Color Contrast Check

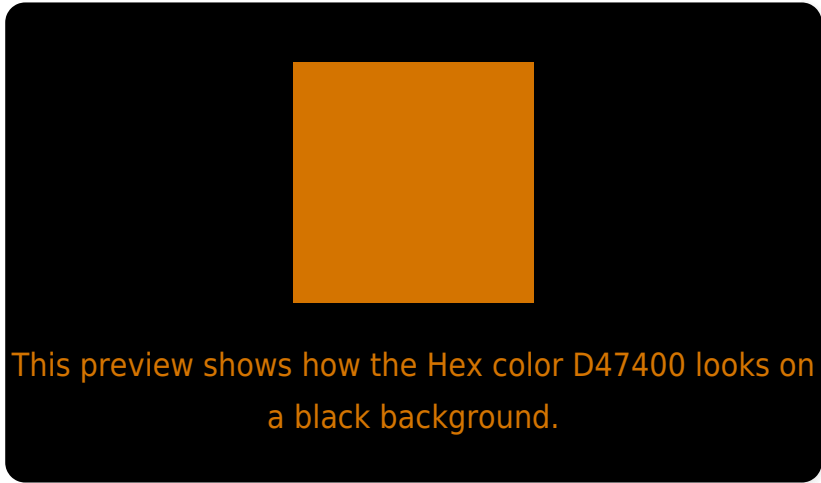
Large Text (above 18pt) WCAG AA ✓ Pass

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 D47400 Background



This preview shows how black text looks on a background with the Hex color D47400.

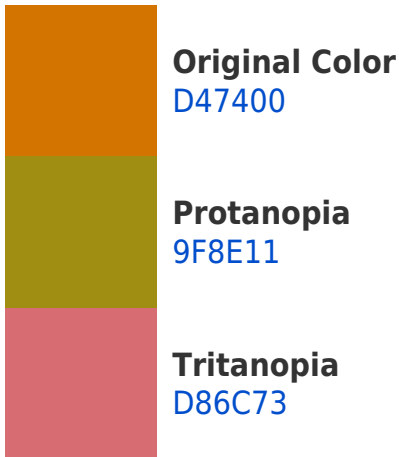


This preview shows how white text looks on a background with the Hex color D47400.

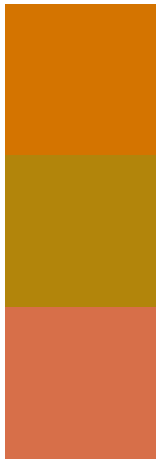
Color Blindness Simulation

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



Trichromacy



Original Color
D47400

Protanomaly
B2850B

Tritanomaly
D76F49

Monochromacy



Original Color
D47400

Achromatopsia
838383

Achromatomaly
A07E53

CSS Examples

Text

The CSS property to change the color of the text to Hex D47400 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 #D47400 looks like.

```
.text, #text, p{  
    color:#D47400  
}
```

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 #D47400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47400
}
```

Border

The CSS property to change the border of an element to Hex D47400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

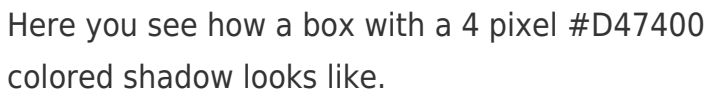
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D47400 }
```

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

```
.border{ border-color:#D47400 }
```

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



Here you see how a box with a 4 pixel #D47400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47400; -webkit-box-shadow:4px 4px  
4px 4px #D47400; box-shadow:4px 4px 4px  
4px #D47400 }
```

Background

The CSS property to change the background color of an element to Hex D47400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47400 }
```

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

```
.background{ background-color:#D47400 }
```

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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