

Converting Colors

Hex(D47A24)

Have a look what the booklet for
Hex(D47A24) contains.

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Color

Hex(D47A24)

Conversions

Conversions Part 1

Format	Color
Hex	D47A24
RGB	212, 122, 36
RGB Percent	83%, 48%, 14%
CMY	0.1686, 0.5216, 0.8588
CMYK	0.00, 0.42, 0.83, 0.17
HSL	29°, 71%, 49%
HSV	29°, 83%, 83%
XYZ	34.4293, 28.0435, 5.2674
YIQ	139.1060, 81.2460, -7.6660

Conversions

Conversions Part 2

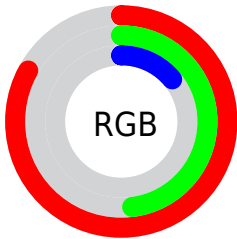
Format	Color
R _Y B	212, 204, 36
Decimal	13924900
CIE Lab	59.93, 29.15, 58.04
CIE LCh	60, 64.944, 63.332
Yxy	28.0435, 0.5083, 0.4140
Android (android.graphics.Color)	4292114980 (0xFFD47A24)
YUV	139.1060, -50.8313, 63.9280
Hunter-Lab	52.9561, 23.3784, 31.1719

Details

The Hex color **D47A24** 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 **247ED4**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFAF59**, and **974800** is the 20% darker color. If you saturate the color by 10%, you get **D46F0F**, and if you desaturate by 10%, it is **D48539**.

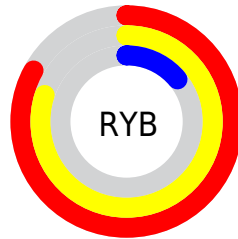
Distribution



Red (83%)

Green (48%)

Blue (14%)



Red (83%)

Yellow (80%)

Blue (14%)

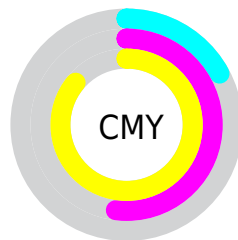


Cyan (0%)

Magenta (42%)

Yellow (83%)

Black (17%)



Cyan (17%)

Magenta (52%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color D47A24 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 D47A24 by changing the saturation by 10% instead.

 D47A24

 D47A24

FFFFFF

 B56101

 FFAF59

 974800

 FFCB73

 7A3000

 FFE78E

 5C1900

 FFFFA9

 400100

 FFFFC5

 2A0001

 FFFF2

 000000

 D47A24

 D47A24

 D46F0F

 D48539

 D46800

 D4904E

 D49B64

 D4A579

 D4B08E

 D4BBA3

 D4C6B8

 D4D1CE

 D4DCE3

Harmonies

Analogous

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



F16255



D47A24



A69000

Triad

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



D47A24



00AB95



997EF1

Complementary

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



D47A24



247ED4

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.



0095FF



D47A24



00AACE

Square

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



D47A24



00A75A



00A4F6



DA64C5

Rectangle

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



D47A24



819B13



00A4F6



7787FA

Sweetspot

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



D47A24



FFDEBF



D4247F



806C59



000000



808080

Same Dimension

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



D47A24



FF7D00



D4D124



6B6660



AB5300



2B1500

Inverse Universe

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



247ED4



0082FF



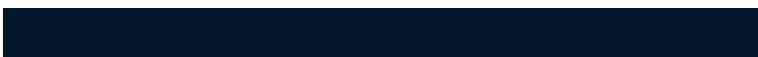
2427D4



60666B



0057AB



00162B

Previews

White Background



This preview shows how the Hex color D47A24 looks on a white background.

Color Contrast Check

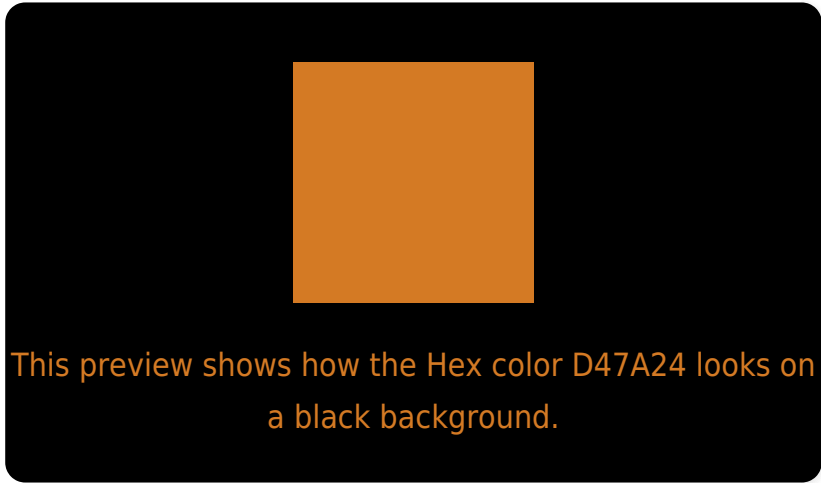
Large Text (above 18pt) WCAG AA ✓ Pass

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 D47A24 Background



This preview shows how black text looks on a background with the Hex color D47A24.



This preview shows how white text looks on a background with the Hex color D47A24.

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
D47A24

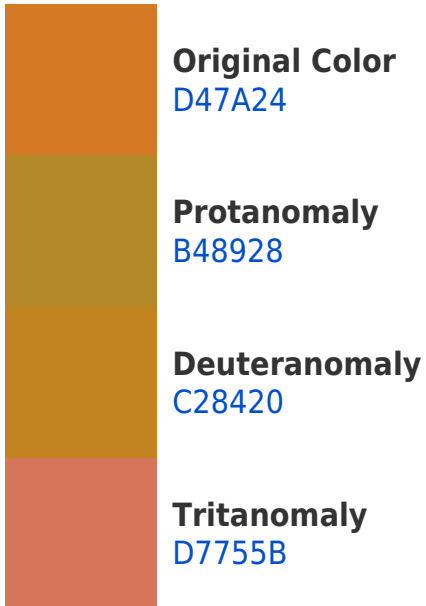
Protanopia
A2912A

Deuteranopia
B7891D

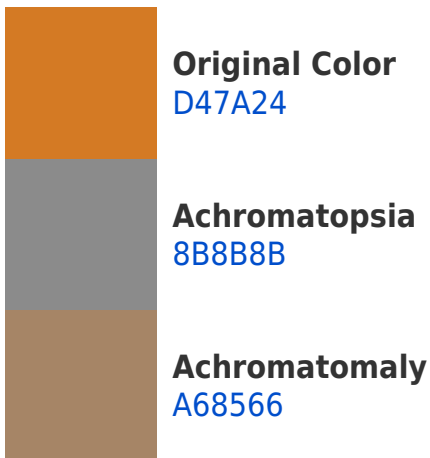


Tritanopia
D8727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D47A24 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 #D47A24 looks like.

```
.text, #text, p{  
    color:#D47A24  
}
```

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 #D47A24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47A24
}
```

Border

The CSS property to change the border of an element to Hex D47A24 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
#D47A24 }
```

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

```
.border{ border-color:#D47A24 }
```

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

Here you see how a box with a 4 pixel #D47A24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47A24; -webkit-box-shadow:4px 4px  
4px 4px #D47A24; box-shadow:4px 4px 4px  
4px #D47A24 }
```

Background

The CSS property to change the background color of an element to Hex D47A24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47A24 }
```

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

```
.background{ background-color:#D47A24 }
```

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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