

Converting Colors

Hex(D47A1D)

Have a look what the booklet for
Hex(D47A1D) contains.

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Color

Hex(D47A1D)

Conversions

Conversions Part 1

Format	Color
Hex	D47A1D
RGB	212, 122, 29
RGB Percent	83%, 48%, 11%
CMY	0.1686, 0.5216, 0.8863
CMYK	0.00, 0.42, 0.86, 0.17
HSL	30°, 76%, 47%
HSV	30°, 86%, 83%
XYZ	34.3327, 28.0048, 4.7583
YIQ	138.3080, 83.4930, -9.8430

Conversions

Conversions Part 2

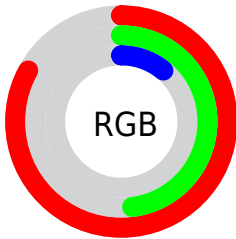
Format	Color
R_{YB}	206, 212, 29
Decimal	13924893
CIE _{Lab}	59.89, 28.96, 60.40
CIE _{LCh}	60, 66.989, 64.381
Yxy	28.0048, 0.5117, 0.4174
Android (android.graphics.Color)	4292114973 (0xFFD47A1D)
YUV	138.3080, -53.8888, 64.6279
Hunter-Lab	52.9196, 23.1963, 31.7126

Details

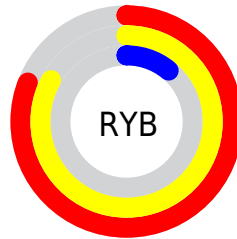
The Hex color **D47A1D** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1D77D4**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFAF54**, and **974800** is the 20% darker color. If you saturate the color by 10%, you get **D47008**, and if you desaturate by 10%, it is **D48432**.

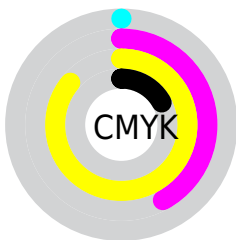
Distribution



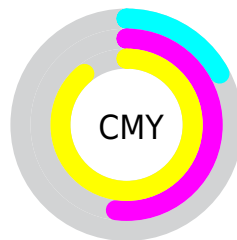
- Red (83%)
- Green (48%)
- Blue (11%)



- Red (81%)
- Yellow (83%)
- Blue (11%)



- Cyan (0%)
- Magenta (42%)
- Yellow (86%)
- Black (17%)



- Cyan (17%)
- Magenta (52%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color D47A1D 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 D47A1D by changing the saturation by 10% instead.

 D47A1D

 D47A1D

FFFFFF

 B56100

 FFAF54

 974800

 FFCB6E

 793100

 FFE789

 5C1900

 FFFFA4

 400100

 FFFFC0

 290001

 FFFFDC

 000000

 FFFFFA

 D47A1D

 D47A1D

 D47008

 D48432

 D46C00

 D48F47

 D4995D

 D4A472

 D4AE87

 D4B99C

 D4C3B1

 D4CDC7

 D4D8DC

Harmonies

Analogous

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



F36051



D47A1D



A59000

Triad

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



D47A1D



00AB98



9B7DF2

Complementary

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



D47A1D



1D77D4

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



D47A1D



00AAD2

Square

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



D47A1D



00A85A



00A4FB



DD61C4

Rectangle

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



D47A1D



7E9B0B



00A4FB



7985FD

Sweetspot

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



D47A1D



FFDEBD



D41D79



806C58



000000



808080

Same Dimension

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



D47A1D



FF8200



D4D41D



6B6660



AB5700



2B1600

Inverse Universe

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



1D77D4



007DFF



1D1DD4



60666B



0054AB



00152B

Previews

White Background



This preview shows how the Hex color D47A1D looks on a white background.

Color Contrast Check

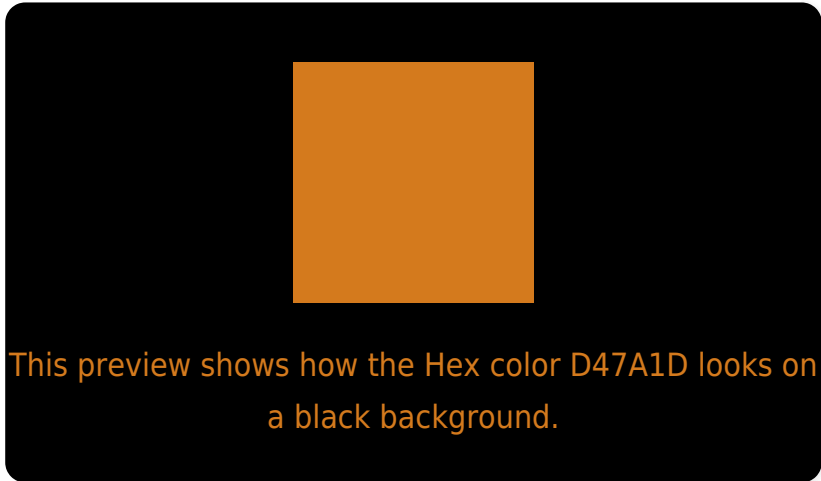
Large Text (above 18pt) WCAG AA ✓ Pass

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 D47A1D Background



This preview shows how black text looks on a background with the Hex color D47A1D.



This preview shows how white text looks on a background with the Hex color D47A1D.

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
D47A1D

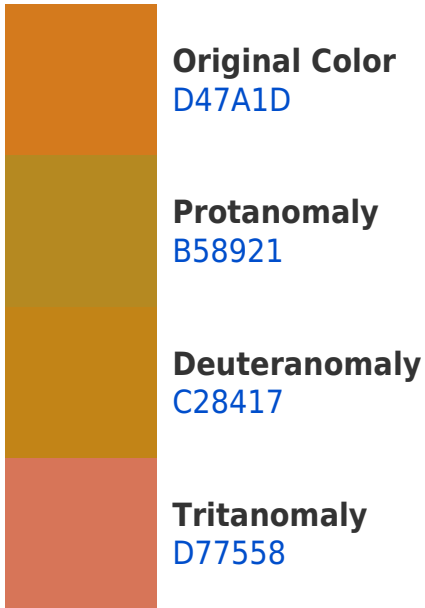
Protanopia
A39123

Deuteranopia
B78913

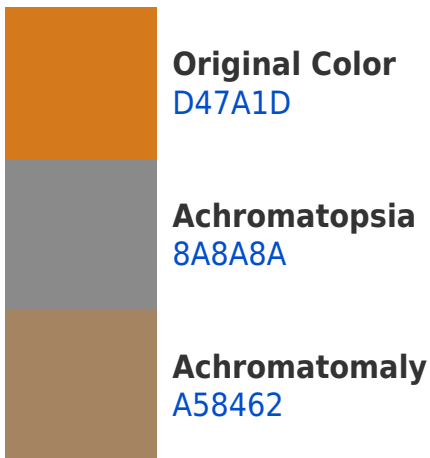


Tritanopia
D8727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D47A1D 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 #D47A1D looks like.

```
.text, #text, p{  
    color:#D47A1D  
}
```

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 #D47A1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47A1D
}
```

Border

The CSS property to change the border of an element to Hex D47A1D 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
#D47A1D }
```

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

```
.border{ border-color:#D47A1D }
```

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

Here you see how a box with a 4 pixel #D47A1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47A1D; -webkit-box-shadow:4px 4px  
4px 4px #D47A1D; box-shadow:4px 4px 4px  
4px #D47A1D }
```

Background

The CSS property to change the background color of an element to Hex D47A1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47A1D }
```

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

```
.background{ background-color:#D47A1D }
```

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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