

Converting Colors

Hex(D74A2F)

Have a look what the booklet for
Hex(D74A2F) contains.

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Color

Hex(D74A2F)

Conversions

Conversions Part 1

Format	Color
Hex	D74A2F
RGB	215, 74, 47
RGB Percent	84%, 29%, 18%
CMY	0.1569, 0.7098, 0.8157
CMYK	0.00, 0.66, 0.78, 0.16
HSL	10°, 68%, 51%
HSV	10°, 78%, 84%
XYZ	30.9862, 19.5499, 4.8297
YIQ	113.0810, 92.7030, 21.4950

Conversions

Conversions Part 2

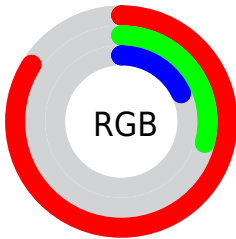
Format	Color
R_{YB}	215, 79, 47
Decimal	14109231
CIE Lab	51.32, 53.93, 45.28
CIE LCh	51, 70.419, 40.016
Yxy	19.5499, 0.5597, 0.3531
Android (android.graphics.Color)	4292299311 (0xFFD74A2F)
YUV	113.0810, -32.5779, 89.3830
Hunter-Lab	44.2152, 47.7168, 24.4744

Details

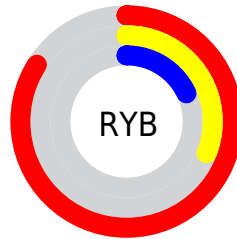
The Hex color **D74A2F** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **2FBCD7**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF815F**, and **980400** is the 20% darker color. If you saturate the color by 10%, you get **D7381A**, and if you desaturate by 10%, it is **D75C45**.

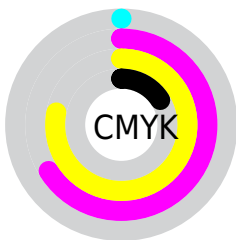
Distribution



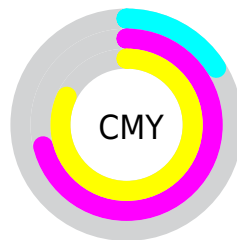
- Red (84%)
- Green (29%)
- Blue (18%)



- Red (84%)
- Yellow (31%)
- Blue (18%)



- Cyan (0%)
- Magenta (66%)
- Yellow (78%)
- Black (16%)



- Cyan (16%)
- Magenta (71%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color D74A2F 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 D74A2F by changing the saturation by 10% instead.

 D74A2F

 D74A2F

FFFFFF

 B72D18

 FF815F

 980400

 FF9D78

 7A0000

 FFB992

 5B0000

 FFD6AD

 3F0002

 FFF3C9

 1E0001

 FFFF E5

 000000

 D74A2F

 D74A2F

 D7381A

 D75C45

 D72604

 D76E5A

 D72300

 D78070

 D79285

 D7A49B

 D7B6B0

 D7C8C6

 D7DADB

 D7ECF1

Harmonies

Analogous

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



E33169



D74A2F



B46800

Triad

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



D74A2F



00924E



007BF2

Complementary

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



D74A2F



2FBCD7

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.



008CEC



D74A2F



00958E

Square

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



D74A2F



3C8B03



0093C7



9460D7

Rectangle

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



D74A2F



947800



0093C7



0082F4

Sweetspot

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



D74A2F



FFCEC4



D72FBE



80625C



000000



808080

Same Dimension

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



D74A2F



FF360F



D79C2F



6B6260



AB1B00



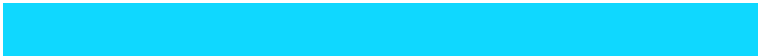
2B0700

Inverse Universe

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



2FBCD7



0FD8FF



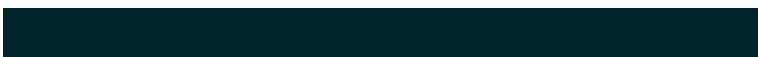
2F6AD7



60696B



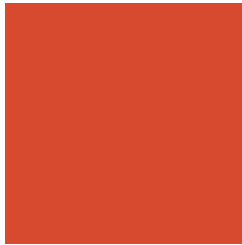
008FAB



00242B

Previews

White Background



This preview shows how the Hex color D74A2F looks on a white background.

Color Contrast Check

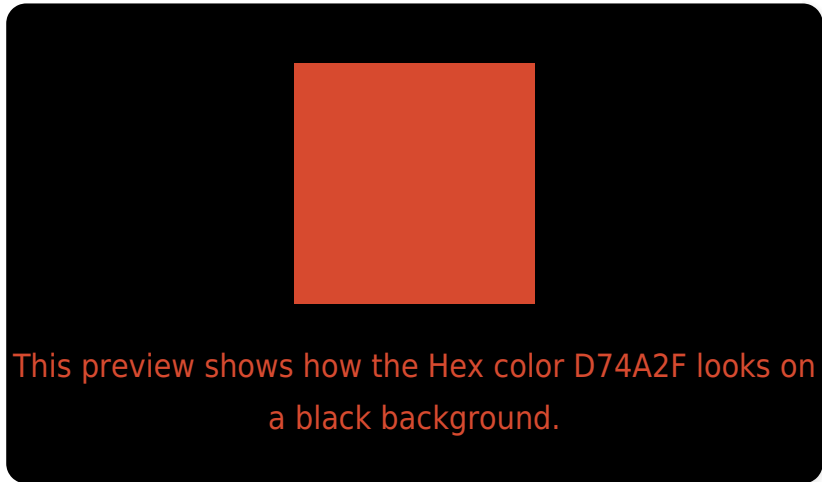
Large Text (above 18pt) WCAG AA ✓ Pass

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 D74A2F Background



This preview shows how black text looks on a background with the Hex color D74A2F.

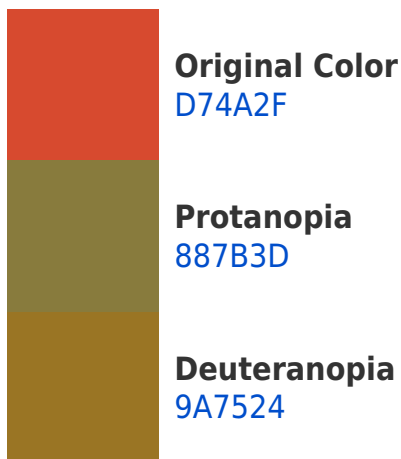



This preview shows how white text looks on a background with the Hex color D74A2F.

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
D8474A

Trichromacy



Original Color
D74A2F

Protanomaly
A56938

Deuteranomaly
B06528

Tritanomaly
D84840

Monochromacy



Original Color
D74A2F

Achromatopsia
717171

Achromatomaly
966359

CSS Examples

Text

The CSS property to change the color of the text to Hex D74A2F 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 #D74A2F looks like.

```
.text, #text, p{  
    color:#D74A2F  
}
```

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 #D74A2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D74A2F
}
```

Border

The CSS property to change the border of an element to Hex D74A2F 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
#D74A2F }
```

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

```
.border{ border-color:#D74A2F }
```

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

Here you see how a box with a 4 pixel #D74A2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D74A2F; -webkit-box-shadow:4px 4px  
4px 4px #D74A2F; box-shadow:4px 4px 4px  
4px #D74A2F }
```

Background

The CSS property to change the background color of an element to Hex D74A2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D74A2F }
```

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

```
.background{ background-color:#D74A2F }
```

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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