

Converting Colors

Hex(D4772F)

Have a look what the booklet for
Hex(D4772F) contains.

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Color

Hex(D4772F)

Conversions

Conversions Part 1

Format	Color
Hex	D4772F
RGB	212, 119, 47
RGB Percent	83%, 47%, 18%
CMY	0.1686, 0.5333, 0.8157
CMYK	0.00, 0.44, 0.78, 0.17
HSL	26°, 66%, 51%
HSV	26°, 78%, 83%
XYZ	34.2613, 27.3959, 6.1715
YIQ	138.5990, 78.5400, -2.6760

Conversions

Conversions Part 2

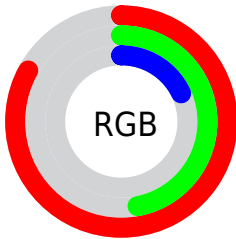
Format	Color
R _Y B	212, 175, 47
Decimal	13924143
CIE Lab	59.34, 31.11, 53.07
CIE LCh	59, 61.513, 59.624
Yxy	27.3959, 0.5051, 0.4039
Android (android.graphics.Color)	4292114223 (0xFFD4772F)
YUV	138.5990, -45.1583, 64.3727
Hunter-Lab	52.3411, 25.2450, 29.6480

Details

The Hex color **D4772F** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **2F8CD4**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFAC62**, and **974500** is the 20% darker color. If you saturate the color by 10%, you get **D46B1A**, and if you desaturate by 10%, it is **D48344**.

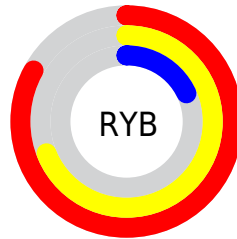
Distribution



Red (83%)

Green (47%)

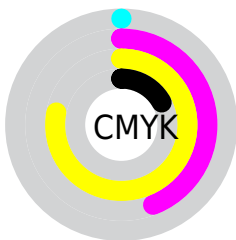
Blue (18%)



Red (83%)

Yellow (69%)

Blue (18%)

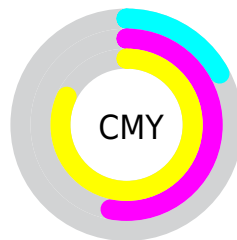


Cyan (0%)

Magenta (44%)

Yellow (78%)

Black (17%)



Cyan (17%)

Magenta (53%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4772F 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 D4772F by changing the saturation by 10% instead.

 D4772F

 D4772F

FFFFFF

 B55E14

 FFAC62

 974500

 FFC87C

 7A2D00

 FFE497

 5D1500

 FFFFB2

 410000

 FFFFCE

 290001

 FFFFEB

 000000

 D4772F

 D4772F

 D46B1A

 D48344

 D45F05

 D48F59

 D45D00

 D49B6F

 D4A784

 D4B399

 D4BFAE

 D4CBC3

 D4D7D9

 D4E3EE

Harmonies

Analogous

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



ED625D



D4772F



AA8C0F

Triad

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



D4772F



00A88C



8C81ED

Complementary

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



D4772F



2F8CD4

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.



0095FB



D4772F



00A8C3

Square

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



D4772F



15A455



00A2EC



CF69C6

Rectangle

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



D4772F



889719



00A2EC



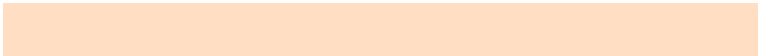
6A88F5

Sweetspot

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



D4772F



FFDEC4



D42F8C



806B5C



000000



808080

Same Dimension

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



D4772F



FF7912



D4C92F



6B6560



AB4B00



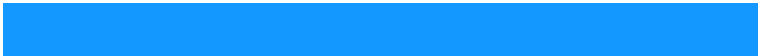
2B1300

Inverse Universe

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



2F8CD4



1298FF



2F3AD4



60666B



0060AB



00182B

Previews

White Background



This preview shows how the Hex color D4772F looks on a white background.

Color Contrast Check

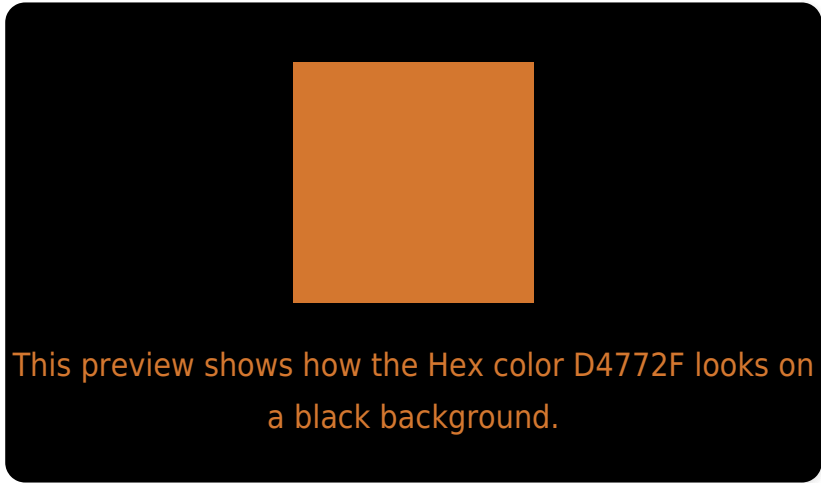
Large Text (above 18pt) WCAG AA ✓ Pass

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 D4772F Background



This preview shows how black text looks on a background with the Hex color D4772F.

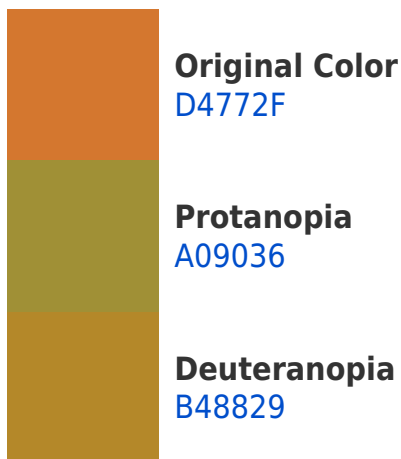


This preview shows how white text looks on a background with the Hex color D4772F.

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
D87078

Trichromacy



Original Color
D4772F

Protanomaly
B38733

Deuteranomaly
C0822B

Tritanomaly
D7735D

Monochromacy



Original Color
D4772F

Achromatopsia
8B8B8B

Achromatomaly
A6846A

CSS Examples

Text

The CSS property to change the color of the text to Hex D4772F 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 #D4772F looks like.

```
.text, #text, p{  
    color:#D4772F  
}
```

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 #D4772F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4772F
}
```

Border

The CSS property to change the border of an element to Hex D4772F is called "border". The border property can be set on classes, ids or directly on the HTML element.

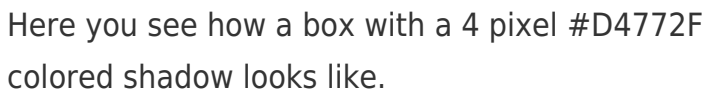
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D4772F }
```

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

```
.border{ border-color:#D4772F }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #D4772F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4772F; -webkit-box-shadow:4px 4px  
4px 4px #D4772F; box-shadow:4px 4px 4px  
4px #D4772F }
```

Background

The CSS property to change the background color of an element to Hex D4772F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4772F }
```

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

```
.background{ background-color:#D4772F }
```

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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