

Converting Colors

Hex(D74D0F)

Have a look what the booklet for
Hex(D74D0F) contains.

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Color

Hex(D74D0F)

Conversions

Conversions Part 1

Format	Color
Hex	D74D0F
RGB	215, 77, 15
RGB Percent	84%, 30%, 6%
CMY	0.1569, 0.6980, 0.9412
CMYK	0.00, 0.64, 0.93, 0.16
HSL	19°, 87%, 45%
HSV	19°, 93%, 84%
XYZ	30.7644, 19.7893, 2.6502
YIQ	111.1940, 102.1500, 9.9740

Conversions

Conversions Part 2

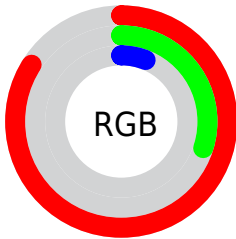
Format	Color
R _{YB}	215, 105, 15
Decimal	14109967
CIE Lab	51.60, 51.93, 58.59
CIE LCh	52, 78.288, 48.448
Yxy	19.7893, 0.5782, 0.3720
Android (android.graphics.Color)	4292300047 (0xFFD74D0F)
YUV	111.1940, -47.4236, 91.0379
Hunter-Lab	44.4852, 45.5954, 27.6074

Details

The Hex color **D74D0F** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **0F99D7**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF8345**, and **980E00** is the 20% darker color. If you saturate the color by 10%, you get **D74300**, and if you desaturate by 10%, it is **D75C25**.

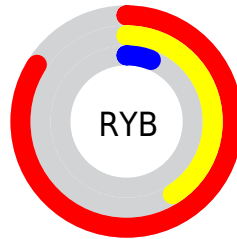
Distribution



Red (84%)

Green (30%)

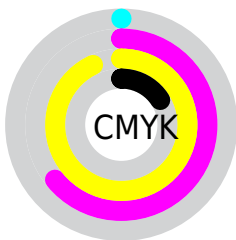
Blue (6%)



Red (84%)

Yellow (41%)

Blue (6%)

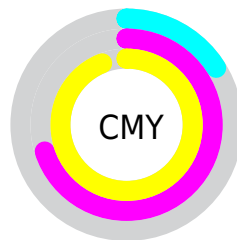


Cyan (0%)

Magenta (64%)

Yellow (93%)

Black (16%)



Cyan (16%)

Magenta (70%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color D74D0F 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 D74D0F by changing the saturation by 10% instead.

 D74D0F

 D74D0F

FFFFFF

 B73100

 FF8345

 980E00

 FF9F5E

 780000

 FFBB78

 5A0000

 FFD893

 3E0002

 FFF5AE

 1D0001

 FFFFCA

 000000

 FFFF E7

 D74D0F

 D74D0F

 D74300

 D75C25

 D76B3A

 D77A50

 D78865

 D7977B

 D7A690

 D7B5A6

 D7C4BB

 D7D3D1

Harmonies

Analogous

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



ED2155



D74D0F



AB6F00

Triad

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



D74D0F



00965E



0A75FC

Complementary

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



D74D0F



0F99D7

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.



008BFF



D74D0F



0098A4

Square

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



D74D0F



00900C



0095DF



AF51D5

Rectangle

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



D74D0F



847E00



0095DF



007EFF

Sweetspot

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



D74D0F



FFCEB8



D70F9B



806254



000000



808080

Same Dimension

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



D74D0F



FF4F00



D7AF0F



6B6460



AB3500



2B0D00

Inverse Universe

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



0F99D7



00B0FF



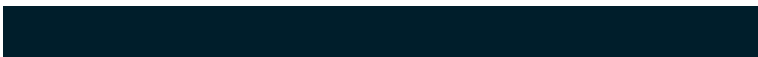
0F37D7



60686B



0076AB



001E2B

Previews

White Background



This preview shows how the Hex color D74D0F 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 D74D0F Background



This preview shows how black text looks on a background with the Hex color D74D0F.



This preview shows how white text looks on a background with the Hex color D74D0F.

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
D74D0F

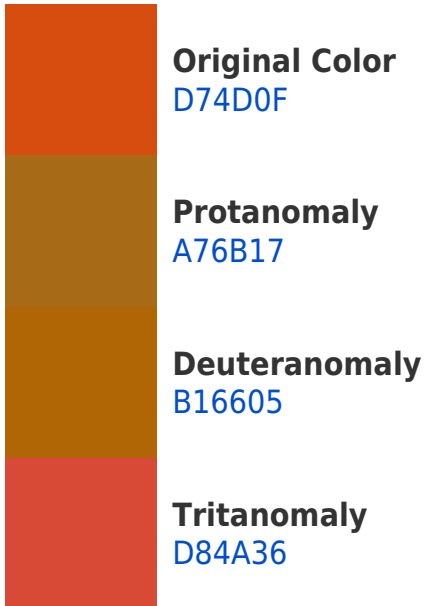
Protanopia
8B7C1C

Deuteranopia
9C7500

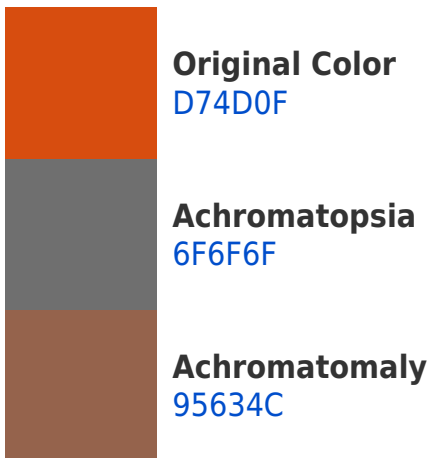


Tritanopia
D9484C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D74D0F 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 #D74D0F looks like.

```
.text, #text, p{  
  color:#D74D0F  
}
```

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 #D74D0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D74D0F
}
```

Border

The CSS property to change the border of an element to Hex D74D0F 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
#D74D0F }
```

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

```
.border{ border-color:#D74D0F }
```

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

Here you see how a box with a 4 pixel #D74D0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D74D0F; -webkit-box-shadow:4px 4px  
4px 4px #D74D0F; box-shadow:4px 4px 4px  
4px #D74D0F }
```

Background

The CSS property to change the background color of an element to Hex D74D0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D74D0F }
```

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

```
.background{ background-color:#D74D0F }
```

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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