

# Converting Colors

Hex(D74F1D)

Have a look what the booklet for  
Hex(D74F1D) contains.

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# Color

**Hex(D74F1D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D74F1D
RGB	215, 79, 29
RGB Percent	84%, 31%, 11%
CMY	0.1569, 0.6902, 0.8863
CMYK	0.00, 0.63, 0.87, 0.16
HSL	16°, 76%, 48%
HSV	16°, 87%, 84%
XYZ	31.0421, 20.1277, 3.4113
YIQ	113.9640, 97.1060, 13.2820

# Conversions

## Conversions Part 2

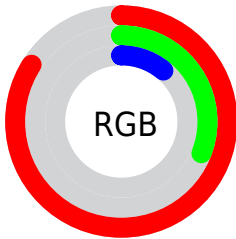
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 97, 29
Decimal	14110493
CIE Lab	51.98, 51.31, 54.16
CIE LCh	52, 74.603, 46.549
Yxy	20.1277, 0.5687, 0.3688
Android (android.graphics.Color)	4292300573 (0xFFD74F1D)
YUV	113.9640, -41.8873, 88.6086
Hunter-Lab	44.8640, 44.9951, 26.8965

# Details

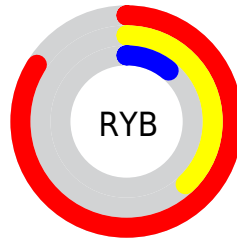
The Hex color **D74F1D** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1DA5D7**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF854F**, and **981200** is the 20% darker color. If you saturate the color by 10%, you get **D73F08**, and if you desaturate by 10%, it is **D75F33**.

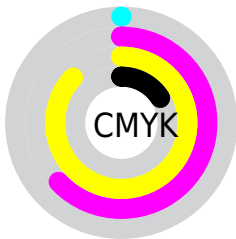
# Distribution



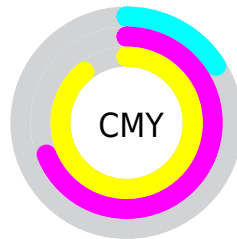
- Red (84%)
- Green (31%)
- Blue (11%)



- Red (84%)
- Yellow (38%)
- Blue (11%)



- Cyan (0%)
- Magenta (63%)
- Yellow (87%)
- Black (16%)



- Cyan (16%)
- Magenta (69%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D74F1D 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 D74F1D by changing the saturation by 10% instead.



 D74F1D

 D74F1D

FFFFFF

 B73300

 FF854F

 981200

 FFA168

 790000

 FFBD82

 5B0000

 FFDA9D

 3F0002

 FFF7B9

 1E0001

 FFFFD5

 000000

 FFFFF1

 D74F1D

 D74F1D

 D73F08

 D75F33

 D73A00

 D76E48

 D77E5E

 D78E73

 D79E89

 D7AD9E

 D7BDB4

 D7CDC9

 D7DCDF

# Harmonies

## Analogous

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



EA2C5C



D74F1D



AE6F00

# Triad

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



D74F1D



00965C



0078F8

# Complementary

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



D74F1D



1DA5D7

# 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.



008CF9



D74F1D



00989F

# Square

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



D74F1D



149012



0095D8



A957D5

# Rectangle

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



D74F1D



8A7E00



0095D8



0080FD



# Sweetspot

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



D74F1D



FFCFBD



D71DA5



806358



000000



808080



# Same Dimension

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



D74F1D



FF4500



D7AC1D



6B6360



AB2E00



2B0C00

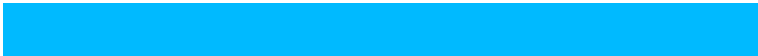


# Inverse Universe

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



1DA5D7



00BAFF



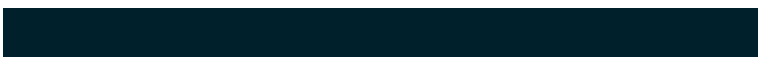
1D48D7



60686B



007DAB



00202B



# Previews

## White Background



This preview shows how the Hex color D74F1D looks on a white background.

## Color Contrast Check

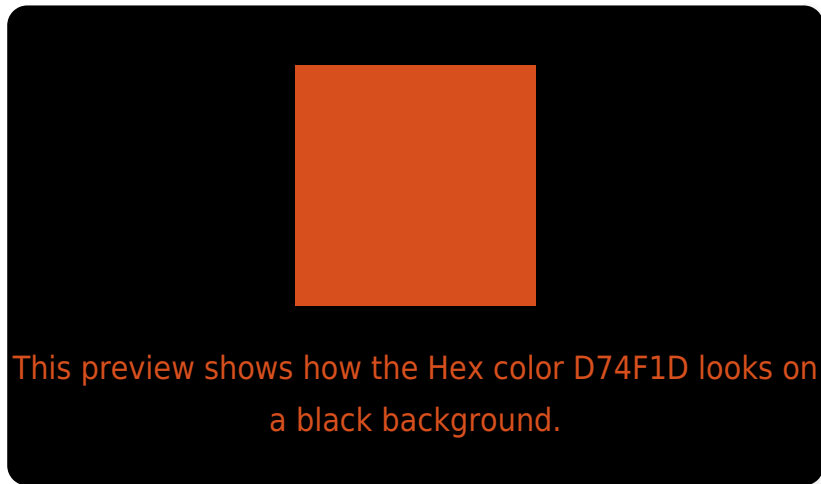
Large Text (above 18pt) WCAG AA ✓ Pass

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 D74F1D Background



This preview shows how black text looks on a background with the Hex color D74F1D.



This preview shows how white text looks on a background with the Hex color D74F1D.

# 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**  
D74F1D

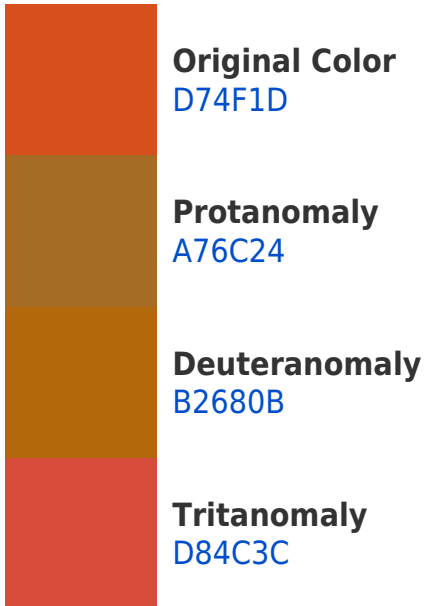
**Protanopia**  
8B7D28

**Deuteranopia**  
9D7600

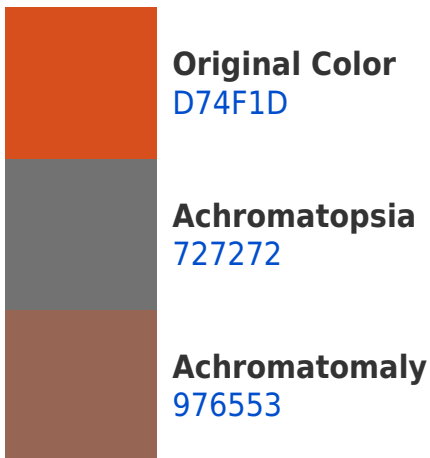


**Tritanopia**  
D84A4E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D74F1D 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 #D74F1D looks like.

```
.text, #text, p{  
    color:#D74F1D  
}
```

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 #D74F1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D74F1D
}
```

## Border

The CSS property to change the border of an element to Hex D74F1D 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
#D74F1D }
```

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

```
.border{ border-color:#D74F1D }
```

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

Here you see how a box with a 4 pixel #D74F1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D74F1D; -webkit-box-shadow:4px 4px  
4px 4px #D74F1D; box-shadow:4px 4px 4px  
4px #D74F1D }
```

# Background

The CSS property to change the background color of an element to Hex D74F1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D74F1D }
```

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

```
.background{ background-color:#D74F1D }
```

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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