

# Converting Colors

Hex(D74B37)

Have a look what the booklet for  
Hex(D74B37) contains.

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**Color**

**Hex(D74B37)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D74B37
RGB	215, 75, 55
RGB Percent	84%, 29%, 22%
CMY	0.1569, 0.7059, 0.7843
CMYK	0.00, 0.65, 0.74, 0.16
HSL	8°, 67%, 53%
HSV	8°, 74%, 84%
XYZ	31.2300, 19.7551, 5.7815
YIQ	114.5800, 89.8600, 23.4600

# Conversions

## Conversions Part 2

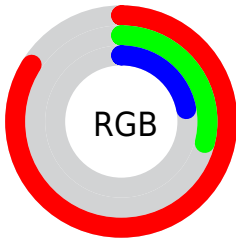
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 78, 55
Decimal	14109495
CIE Lab	51.56, 53.82, 41.31
CIE LCh	52, 67.845, 37.508
Yxy	19.7551, 0.5501, 0.3480
Android (android.graphics.Color)	4292299575 (0xFFD74B37)
YUV	114.5800, -29.3729, 88.0683
Hunter-Lab	44.4467, 47.6395, 23.4003

# Details

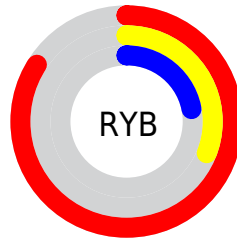
The Hex color **D74B37** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **37C3D7**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF8267**, and **99060A** is the 20% darker color. If you saturate the color by 10%, you get **D73821**, and if you desaturate by 10%, it is **D75E4D**.

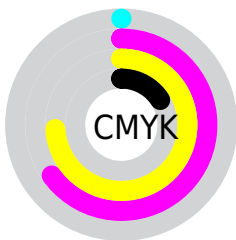
# Distribution



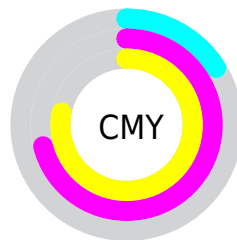
- Red (84%)
- Green (29%)
- Blue (22%)



- Red (84%)
- Yellow (31%)
- Blue (22%)



- Cyan (0%)
- Magenta (65%)
- Yellow (74%)
- Black (16%)



- Cyan (16%)
- Magenta (71%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D74B37 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 D74B37 by changing the saturation by 10% instead.



 D74B37

 D74B37

FFFFFF

 B82E20

 FF8267

 99060A

 FF9E81

 7A0000

 FFBA9B

 5C0000

 FFD7B6

 400002

 FFF4D2

 1F0001

 FFFFEE

 000000

 D74B37

 D74B37

 D73821

 D75E4D

 D7250C

 D77162

 D71B00

 D78377

 D7968D

 D7A9A3

 D7BCB8

 D7CFCE

 D7E2E3

 D7F4F9

# Harmonies

## Analogous

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



E0376F



D74B37



B76700

# Triad

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



D74B37



00924C



007DEF

# Complementary

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



D74B37



37C3D7

# 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.



008DE6



D74B37



009588

# Square

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



D74B37



488B06



0094C1



8D64D8

# Rectangle

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



D74B37



987700



0094C1



0084F0



# Sweetspot

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



D74B37



FFCEC7



D737C4



80625E



000000



808080



# Same Dimension

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



D74B37



FF381C



D79A37



6B6260



AB1500



2B0500

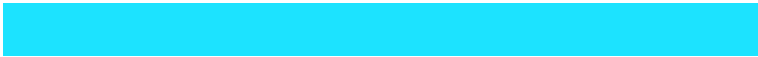


# Inverse Universe

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



37C3D7



1CE3FF



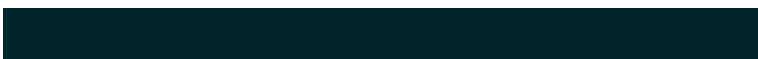
3774D7



606A6B



0095AB

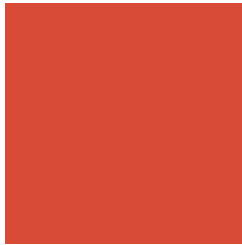


00262B



# Previews

## White Background



This preview shows how the Hex color D74B37 looks on a white background.

## Color Contrast Check

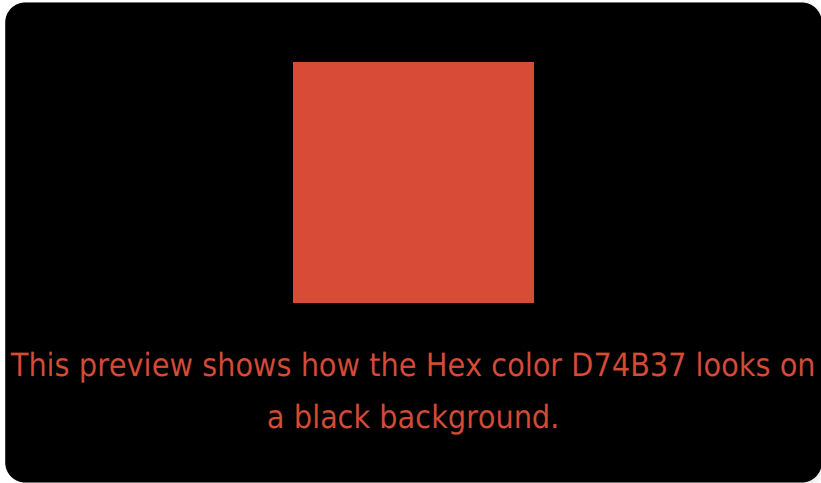
Large Text (above 18pt) WCAG AA ✓ Pass

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 D74B37 Background



This preview shows how black text looks on a background with the Hex color D74B37.



This preview shows how white text looks on a background with the Hex color D74B37.

# 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**  
D74B37

**Protanopia**  
877C46

**Deuteranopia**  
9A752E



**Tritanopia**  
D8484C

# Trichromacy



**Original Color**  
D74B37

**Protanomaly**  
A46A41

**Deuteranomaly**  
B06631

**Tritanomaly**  
D84944

# Monochromacy



**Original Color**  
D74B37

**Achromatopsia**  
737373

**Achromatomaly**  
97645D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D74B37 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 #D74B37 looks like.

```
.text, #text, p{  
    color:#D74B37  
}
```

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 #D74B37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D74B37
}
```

## Border

The CSS property to change the border of an element to Hex D74B37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

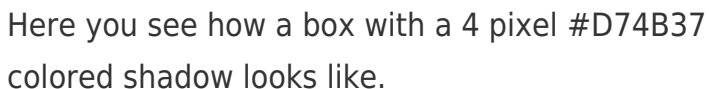
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D74B37 }
```

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

```
.border{ border-color:#D74B37 }
```

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



Here you see how a box with a 4 pixel #D74B37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D74B37; -webkit-box-shadow:4px 4px  
4px 4px #D74B37; box-shadow:4px 4px 4px  
4px #D74B37 }
```

# Background

The CSS property to change the background color of an element to Hex D74B37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D74B37 }
```

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

```
.background{ background-color:#D74B37 }
```

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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