

# Converting Colors

Hex(D74941)

Have a look what the booklet for  
Hex(D74941) contains.

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**Color**

**Hex(D74941)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D74941
RGB	215, 73, 65
RGB Percent	84%, 29%, 25%
CMY	0.1569, 0.7137, 0.7451
CMYK	0.00, 0.66, 0.70, 0.16
HSL	3°, 65%, 55%
HSV	3°, 70%, 84%
XYZ	31.3610, 19.5938, 7.1301
YIQ	114.5460, 87.2000, 27.6160

# Conversions

## Conversions Part 2

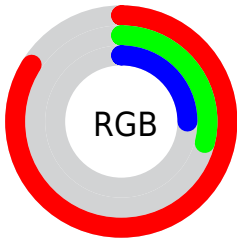
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 73, 65
Decimal	14108993
CIE Lab	51.37, 55.10, 35.55
CIE LCh	51, 65.569, 32.832
Yxy	19.5938, 0.5399, 0.3373
Android (android.graphics.Color)	4292299073 (0xFFD74941)
YUV	114.5460, -24.4262, 88.0982
Hunter-Lab	44.2649, 49.0010, 21.4351

# Details

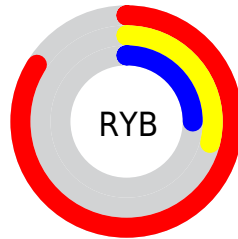
The Hex color **D74941** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **41CFD7**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF8071**, and **990015** is the 20% darker color. If you saturate the color by 10%, you get **D7352C**, and if you desaturate by 10%, it is **D75D57**.

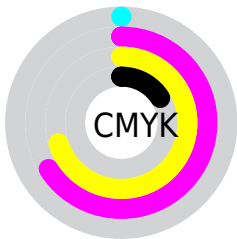
# Distribution



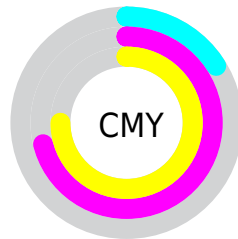
- Red (84%)
- Green (29%)
- Blue (25%)



- Red (84%)
- Yellow (29%)
- Blue (25%)



- Cyan (0%)
- Magenta (66%)
- Yellow (70%)
- Black (16%)



- Cyan (16%)
- Magenta (71%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D74941 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 D74941 by changing the saturation by 10% instead.



 D74941

 D74941

FFFFFF

 B82C2A

 FF8071

 990015

 FF9C8B

 7B0000

 FFB9A5

 5C0000

 FFD5C1

 400002

 FFF3DD

 200001

 FFFFF9

 000000

 D74941

 D74941

 D7352C

 D75D57

 D72016

 D7726C

 D70C01

 D78682

 D70B00

 D79A97

 D7AFAD

 D7C3C2

 D7D7D8

 D7ECED

 D7FFFF

# Harmonies

## Analogous

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



DB3B78



D74941



BB6406

# Triad

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



D74941



009044



0080EB

# Complementary

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



D74941



41CFD7

# 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.



008DDE



D74941



00937E

# Square

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



D74941



558800



0093B6



7F69D9

# Rectangle

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



D74941



9F7300



0093B6



0085EA



# Sweetspot

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



D74941



FFCC9



D741D0



806160



000000



808080



# Same Dimension

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



D74941



FF3429



D79441



6B6160



AB0900



2B0200



# Inverse Universe

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



41CFD7



29F4FF



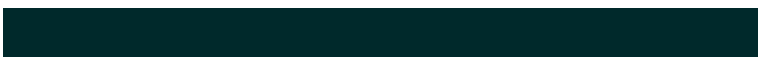
4185D7



606B6B



00A2AB



00292B



# Previews

## White Background



This preview shows how the Hex color D74941 looks on a white background.

## Color Contrast Check

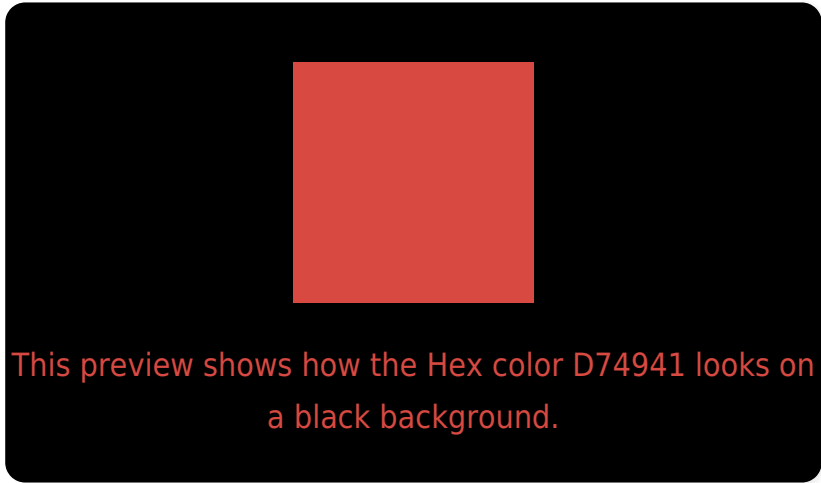
Large Text (above 18pt) WCAG AA ✓ Pass

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 D74941 Background



This preview shows how black text looks on a background with the Hex color D74941.



This preview shows how white text looks on a background with the Hex color D74941.

# 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**  
D74941

**Protanopia**  
857B53

**Deuteranopia**  
987539



**Tritanopia**  
D7474B

# Trichromacy



**Original Color**  
D74941

**Protanomaly**  
A3694C

**Deuteranomaly**  
AF653C

**Tritanomaly**  
D74847

# Monochromacy



**Original Color**  
D74941

**Achromatopsia**  
737373

**Achromatomaly**  
976461

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D74941 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 #D74941 looks like.

```
.text, #text, p{  
    color:#D74941  
}
```

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 #D74941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D74941
}
```

## Border

The CSS property to change the border of an element to Hex D74941 is called "border". The border property can be set on classes, ids or directly on the HTML element.

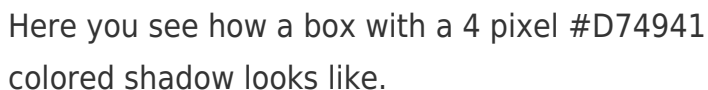
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D74941 }
```

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

```
.border{ border-color:#D74941 }
```

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



Here you see how a box with a 4 pixel #D74941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D74941; -webkit-box-shadow:4px 4px  
4px 4px #D74941; box-shadow:4px 4px 4px  
4px #D74941 }
```

# Background

The CSS property to change the background color of an element to Hex D74941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D74941 }
```

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

```
.background{ background-color:#D74941 }
```

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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