

# Converting Colors

Hex(D84B40)

Have a look what the booklet for  
Hex(D84B40) contains.

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# Color

**Hex(D84B40)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D84B40
RGB	216, 75, 64
RGB Percent	85%, 29%, 25%
CMY	0.1529, 0.7059, 0.7490
CMYK	0.00, 0.65, 0.70, 0.15
HSL	4°, 66%, 55%
HSV	4°, 70%, 85%
XYZ	31.7604, 20.0012, 7.0372
YIQ	115.9050, 87.5670, 26.4710

# Conversions

## Conversions Part 2

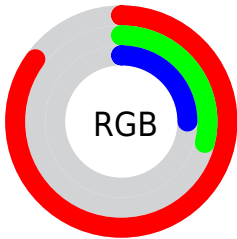
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	216, 76, 64
Decimal	14175040
CIELab	51.84, 54.56, 36.70
CIELCh	52, 65.753, 33.929
Yxy	20.0012, 0.5402, 0.3402
Android (android.graphics.Color)	4292365120 (0xFFD84B40)
YUV	115.9050, -25.5892, 87.7833
Hunter-Lab	44.7228, 48.4991, 21.9766

# Details

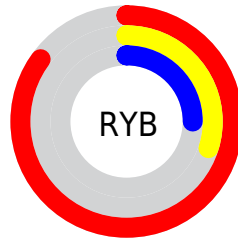
The Hex color **D84B40** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **40CDD8**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF8270**, and **9A0514** is the 20% darker color. If you saturate the color by 10%, you get **D8372A**, and if you desaturate by 10%, it is **D85F56**.

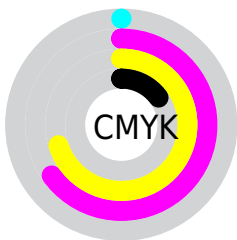
# Distribution



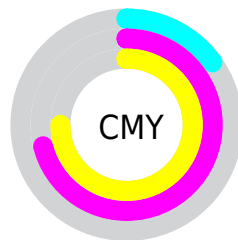
- Red (85%)
- Green (29%)
- Blue (25%)



- Red (85%)
- Yellow (30%)
- Blue (25%)



- Cyan (0%)
- Magenta (65%)
- Yellow (70%)
- Black (15%)



- Cyan (15%)
- Magenta (71%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D84B40 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 D84B40 by changing the saturation by 10% instead.



 D84B40

 D84B40

FFFFFF

 B92E29

 FF8270

 9A0514

 FF9E8A

 7C0000

 FFBAA4

 5D0000

 FFD7C0

 410002

 FFF5DC

 210001

 FFFFF8

 000000

 D84B40

 D84B40

 D8372A

 D85F56

 D82315

 D8736B

 D81000

 D88781

 D89B96

 D8AFAC

 D8C3C2

 D8D7D7

 D8EBED

 D8FFFF

# Harmonies

## Analogous

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



DD3C77



D84B40



BB6604

# Triad

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



D84B40



009247



0080ED

# Complementary

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



D84B40



40CDD8

# 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.



008EE1



D84B40



009582

# Square

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



D84B40



548A04



0094B9



8369DA

# Rectangle

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



D84B40



9E7500



0094B9



0086EC



# Sweetspot

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



D84B40



FFCDC9



D840CE



806260



000000



808080



# Same Dimension

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



D84B40



FF3829



D89640



6B6160



AB0C00



2B0300



# Inverse Universe

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



40CDD8



29EFFF



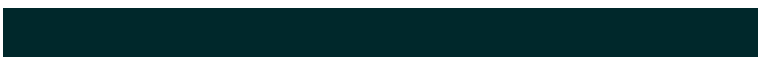
4082D8



606A6B



009EAB

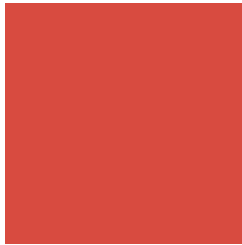


00282B



# Previews

## White Background



This preview shows how the Hex color D84B40 looks on a white background.

## Color Contrast Check

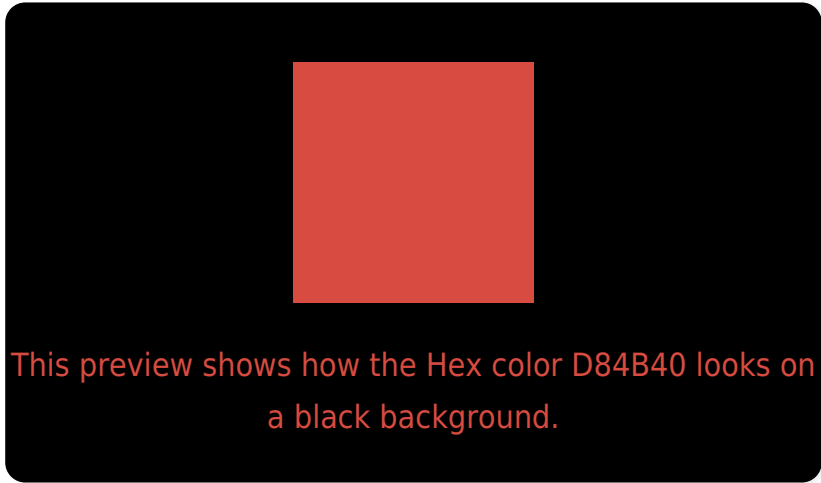
Large Text (above 18pt) WCAG AA ✓ Pass

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 D84B40 Background



This preview shows how black text looks on a background with the Hex color D84B40.



This preview shows how white text looks on a background with the Hex color D84B40.

# 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**  
D84B40

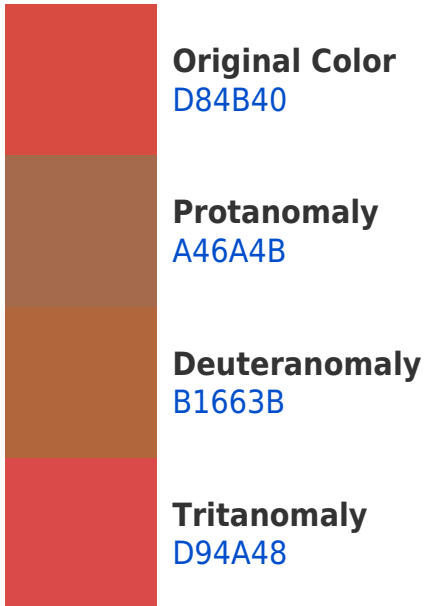
**Protanopia**  
877C51

**Deuteranopia**  
9A7638

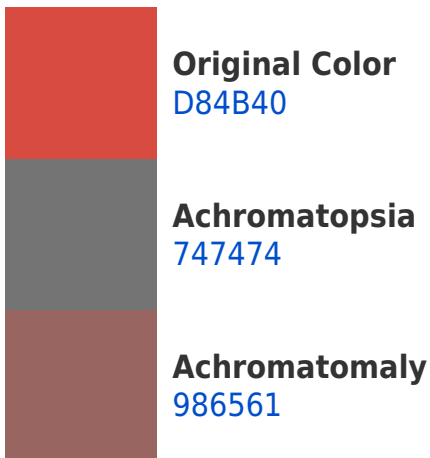


**Tritanopia**  
D9494D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D84B40 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 #D84B40 looks like.

```
.text, #text, p{  
    color:#D84B40  
}
```

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 #D84B40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D84B40
}
```

## Border

The CSS property to change the border of an element to Hex D84B40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

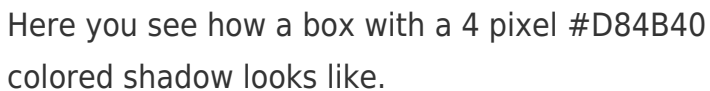
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D84B40 }
```

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

```
.border{ border-color:#D84B40 }
```

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



Here you see how a box with a 4 pixel #D84B40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D84B40; -webkit-box-shadow:4px 4px  
4px 4px #D84B40; box-shadow:4px 4px 4px  
4px #D84B40 }
```

# Background

The CSS property to change the background color of an element to Hex D84B40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D84B40 }
```

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

```
.background{ background-color:#D84B40 }
```

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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