

# Converting Colors

Hex(D83F48)

Have a look what the booklet for  
Hex(D83F48) contains.

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**Color**

**Hex(D83F48)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | D83F48                     |
| RGB           | 216, 63, 72                |
| RGB Percent   | 85%, 25%, 28%              |
| CMY           | 0.1529, 0.7529, 0.7176     |
| CMYK          | 0.00, 0.71, 0.67, 0.15     |
| HSL           | 356°, 66%, 55%             |
| HSV           | 356°, 71%, 85%             |
| XYZ           | 31.2661, 18.6218, 8.0774   |
| YIQ           | 109.7730, 88.2990, 35.2350 |

# Conversions

## Conversions Part 2

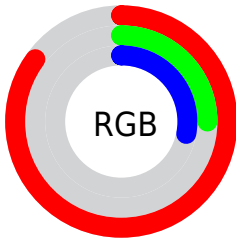
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 216, 63, 72                    |
| Decimal                             | 14171976                       |
| CIE <sub>Lab</sub>                  | 50.24, 59.63, 30.17            |
| CIE <sub>LCh</sub>                  | 50, 66.830, 26.840             |
| Yxy                                 | 18.6218, 0.5394,<br>0.3213     |
| Android<br>(android.graphics.Color) | 4292362056<br>(0xFFD83F48)     |
| YUV                                 | 109.7730, -18.6221,<br>93.1611 |
| Hunter-Lab                          | 43.1530, 53.8127,<br>19.1092   |

# Details

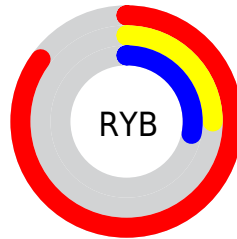
The Hex color **D83F48** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3FD8CF**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7879**, and **9A001C** is the 20% darker color. If you saturate the color by 10%, you get **D82934**, and if you desaturate by 10%, it is **D8555C**.

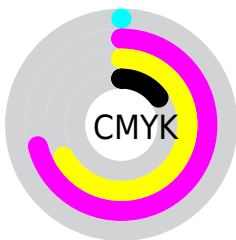
# Distribution



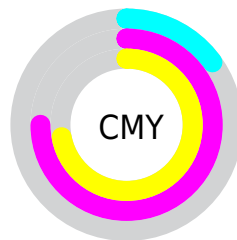
- Red (85%)
- Green (25%)
- Blue (28%)



- Red (85%)
- Yellow (25%)
- Blue (28%)



- Cyan (0%)
- Magenta (71%)
- Yellow (67%)
- Black (15%)



- Cyan (15%)
- Magenta (75%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D83F48 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 D83F48 by changing the saturation by 10% instead.



 D83F48

 D83F48

FFFFFF

 B91D31

 FF7879

 9A001C

 FF9592

 7B0005

 FFB1AD

 5D0000

 FFCEC8

 410003

 FFEBE4

 1F0001

 000000

 D83F48

 D83F48

 D82934

 D8555C

 D8141F

 D86A71

 D8000D

 D88085

 D89599

 D8ABAE

 D8C1C2

 D8D6D6

 D8ECEB

 D8FFFF

# Harmonies

## Analogous

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



D73680



D83F48



BF5B0F

# Triad

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



D83F48



008C34



0081EA

# Complementary

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



D83F48



3FD8CF

# 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.



008CD7



D83F48



009070

# Square

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



D83F48



5E8300



0091AA



666BDE

# Rectangle

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



D83F48



A56C00



0091AA



0085E7



# Sweetspot

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



D83F48



FFC9CD



CE3FD8



806062



000000



808080



# Same Dimension

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



D83F48



FF2633



D8813F



6B6061



AB000A



2B0003



# Inverse Universe

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



D83F48



FF2633



3F96D8



6B6061



AB000A



2B0003



# Previews

## White Background



This preview shows how the Hex color D83F48 looks on a white background.

## Color Contrast Check

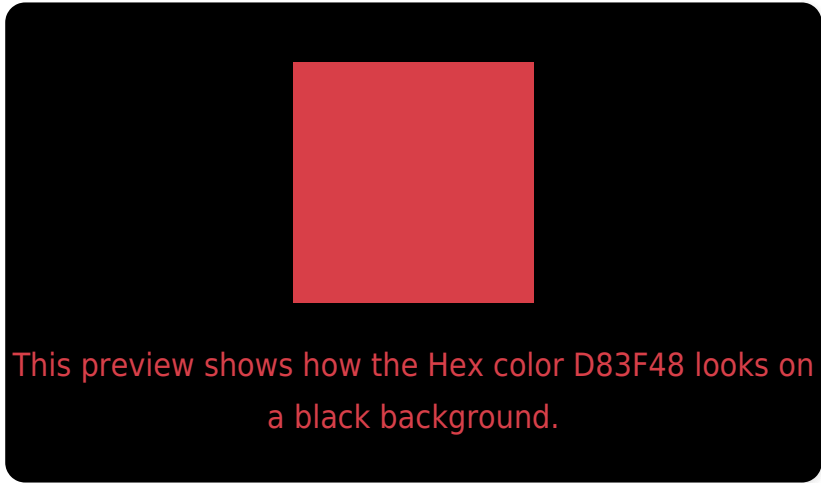
Large Text (above 18pt) WCAG AA ✓ Pass

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 D83F48 Background



This preview shows how black text looks on a background with the Hex color D83F48.

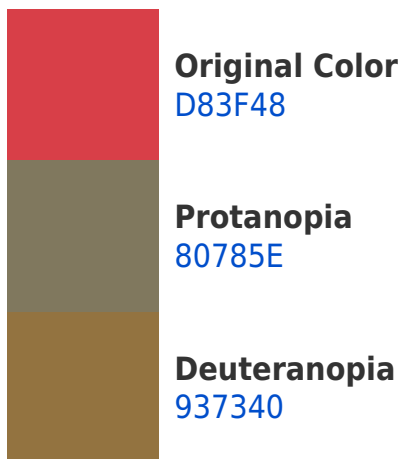


This preview shows how white text looks on a background with the Hex color D83F48.

# 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





# Trichromacy



**Original Color**  
D83F48

**Protanomaly**  
A06356

**Deuteranomaly**  
AC6043

**Tritanomaly**  
D84045

# Monochromacy



**Original Color**  
D83F48

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
955D60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D83F48 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 #D83F48 looks like.

```
.text, #text, p{  
    color:#D83F48  
}
```

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 #D83F48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D83F48
}
```

## Border

The CSS property to change the border of an element to Hex D83F48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

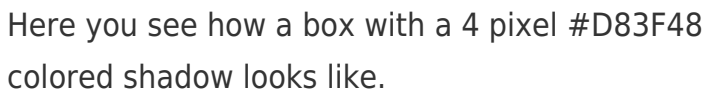
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D83F48 }
```

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

```
.border{ border-color:#D83F48 }
```

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



Here you see how a box with a 4 pixel #D83F48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D83F48; -webkit-box-shadow:4px 4px  
4px 4px #D83F48; box-shadow:4px 4px 4px  
4px #D83F48 }
```

# Background

The CSS property to change the background color of an element to Hex D83F48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D83F48 }
```

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

```
.background{ background-color:#D83F48 }
```

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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