

# Converting Colors

Hex(D43C3B)

Have a look what the booklet for  
Hex(D43C3B) contains.

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# Color

**Hex(D43C3B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D43C3B
RGB	212, 60, 59
RGB Percent	83%, 24%, 23%
CMY	0.1686, 0.7647, 0.7686
CMYK	0.00, 0.72, 0.72, 0.17
HSL	0°, 64%, 53%
HSV	0°, 72%, 83%
XYZ	29.5567, 17.5445, 5.9663
YIQ	105.3340, 90.9130, 31.9130

# Conversions

## Conversions Part 2

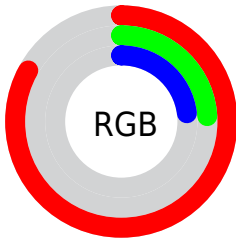
Format	Color
R <sub>Y</sub> B	212, 60, 59
Decimal	13909051
CIE Lab	48.94, 58.84, 36.00
CIE LCh	49, 68.977, 31.460
Yxy	17.5445, 0.5570, 0.3306
Android (android.graphics.Color)	4292099131 (0xFFD43C3B)
YUV	105.3340, -22.8427, 93.5461
Hunter-Lab	41.8862, 52.6562, 20.8750

# Details

The Hex color **D43C3B** 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 **3BD3D4**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF756B**, and **950010** is the 20% darker color. If you saturate the color by 10%, you get **D42726**, and if you desaturate by 10%, it is **D45150**.

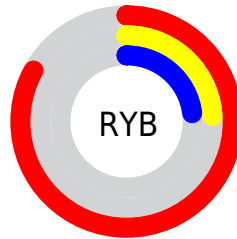
# Distribution



Red (83%)

Green (24%)

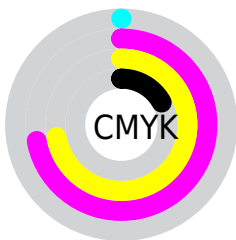
Blue (23%)



Red (83%)

Yellow (24%)

Blue (23%)

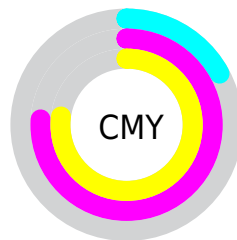


Cyan (0%)

Magenta (72%)

Yellow (72%)

Black (17%)



Cyan (17%)

Magenta (76%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D43C3B 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 D43C3B by changing the saturation by 10% instead.



 D43C3B

 D43C3B

FFFFFF

 B51A25

 FF756B

 950010

 FF9184

 770000

 FFAE9E

 580000

 FFCBB9

 3D0003

 FFE8D5

 170000

 FFFFF2

 000000

 D43C3B

 D43C3B

 D42726

 D45150

 D41211

 D46665

 D40100

 D47B7B

 D49090

 D4A5A5

 D4BABA

 D4CFCF

 D4E4E5

 D4FAFA

# Harmonies

## Analogous

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



D82B74



D43C3B



B75B00

# Triad

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



D43C3B



008A38



007BEA

# Complementary

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



D43C3B



3BD3D4

# 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.



0088DB



D43C3B



008D76

# Square

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



D43C3B



4F8200



008DB0



7263D9

# Rectangle

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



D43C3B



9B6C00



008DB0



0080E9



# Sweetspot

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



D43C3B



FFC7C7



D43BD4



805F5E



000000



808080



# Same Dimension

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



D43C3B



FF2321



D4883B



6B6060



AB0100



2B0000



# Inverse Universe

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



3BD3D4



21FEFF



3B88D4



606B6B



00AAAB



002B2B



# Previews

## White Background



This preview shows how the Hex color D43C3B looks on a white background.

## Color Contrast Check

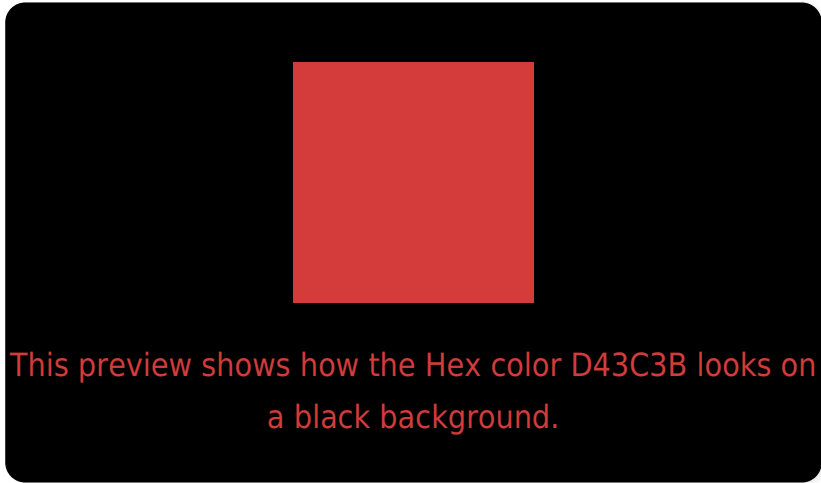
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 D43C3B Background



This preview shows how black text looks on a background with the Hex color D43C3B.

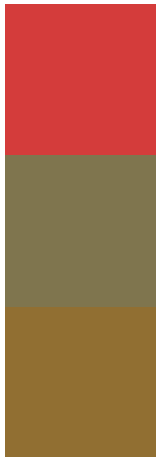


This preview shows how white text looks on a background with the Hex color D43C3B.

# 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**  
D43C3B

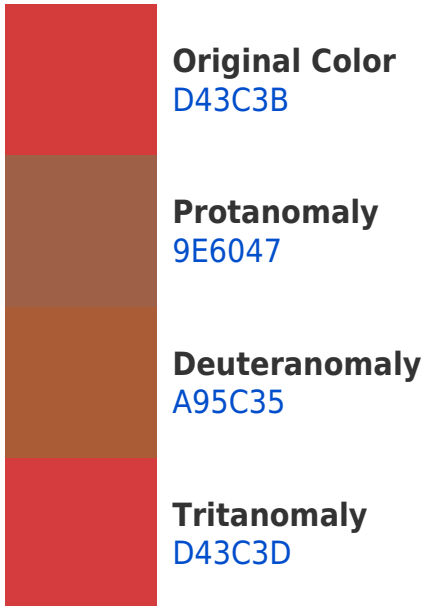
**Protanopia**  
7F754E

**Deuteranopia**  
916F32

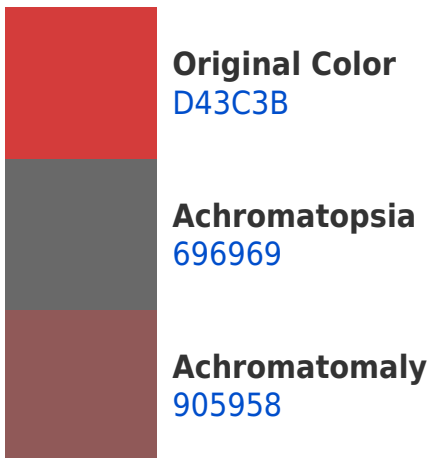


**Tritanopia**  
D43C3E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D43C3B 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 #D43C3B looks like.

```
.text, #text, p{  
    color:#D43C3B  
}
```

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 #D43C3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D43C3B
}
```

## Border

The CSS property to change the border of an element to Hex D43C3B 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
#D43C3B }
```

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

```
.border{ border-color:#D43C3B }
```

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

Here you see how a box with a 4 pixel #D43C3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D43C3B; -webkit-box-shadow:4px 4px  
4px 4px #D43C3B; box-shadow:4px 4px 4px  
4px #D43C3B }
```

# Background

The CSS property to change the background color of an element to Hex D43C3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D43C3B }
```

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

```
.background{ background-color:#D43C3B }
```

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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