

# Converting Colors

Hex(D73B4C)

Have a look what the booklet for  
Hex(D73B4C) contains.

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# Color

Hex(D73B4C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D73B4C
RGB	215, 59, 76
RGB Percent	84%, 23%, 30%
CMY	0.1569, 0.7686, 0.7020
CMYK	0.00, 0.73, 0.65, 0.16
HSL	353°, 66%, 54%
HSV	353°, 73%, 84%
XYZ	30.8928, 18.0968, 8.7023
YIQ	107.5820, 87.5190, 38.3590

# Conversions

## Conversions Part 2

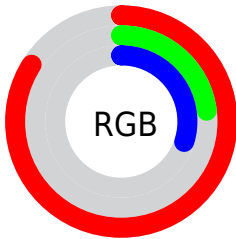
Format	Color
R <sub>Y</sub> B	215, 59, 76
Decimal	14105420
CIE Lab	49.61, 60.96, 26.98
CIE LCh	50, 66.663, 23.871
Yxy	18.0968, 0.5355, 0.3137
Android (android.graphics.Color)	4292295500 (0xFFD73B4C)
YUV	107.5820, -15.5699, 94.2056
Hunter-Lab	42.5403, 55.1811, 17.6496

# Details

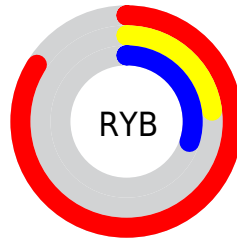
The Hex color **D73B4C** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3BD7C6**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF757D**, and **990020** is the 20% darker color. If you saturate the color by 10%, you get **D72539**, and if you desaturate by 10%, it is **D7515F**.

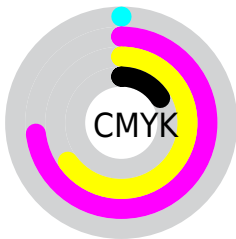
# Distribution



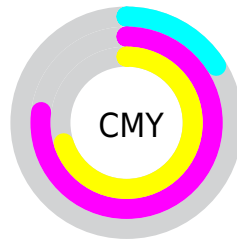
- Red (84%)
- Green (23%)
- Blue (30%)



- Red (84%)
- Yellow (23%)
- Blue (30%)



- Cyan (0%)
- Magenta (73%)
- Yellow (65%)
- Black (16%)



- Cyan (16%)
- Magenta (77%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D73B4C 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 D73B4C by changing the saturation by 10% instead.



 D73B4C

 D73B4C

FFFFFF

 B81735

 FF757D

 990020

 FF9197

 7A000B

 FFAEB1

 5C0000

 FFCBCD

 400003

 FFE8E9

 1E0001

 000000

 D73B4C

 D73B4C

 D72539

 D7515F

 D71026

 D76672

 D70017

 D77C85

 D79199

 D7A7AC

 D7BCBF

 D7D2D2

 D7E7E5

 D7FCF8

# Harmonies

## Analogous

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



D33584



D73B4C



C15714

# Triad

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



D73B4C



008A2D



0081E7

# Complementary

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



D73B4C



3BD7C6

# 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.



008BD1



D73B4C



008E68

# Square

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



D73B4C



638000



008FA2



576CDF

# Rectangle

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



D73B4C



A76800



008FA2



0085E3



# Sweetspot

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



D73B4C



FFC7CD



C53BD7



805E62



000000



808080



# Same Dimension

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



D73B4C



FF2139



D7773B



6B6062



AB0013



2B0005



# Inverse Universe

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



D73B4C



FF2139



3B9BD7



6B6062



AB0013



2B0005



# Previews

## White Background



This preview shows how the Hex color D73B4C looks on a white background.

## Color Contrast Check

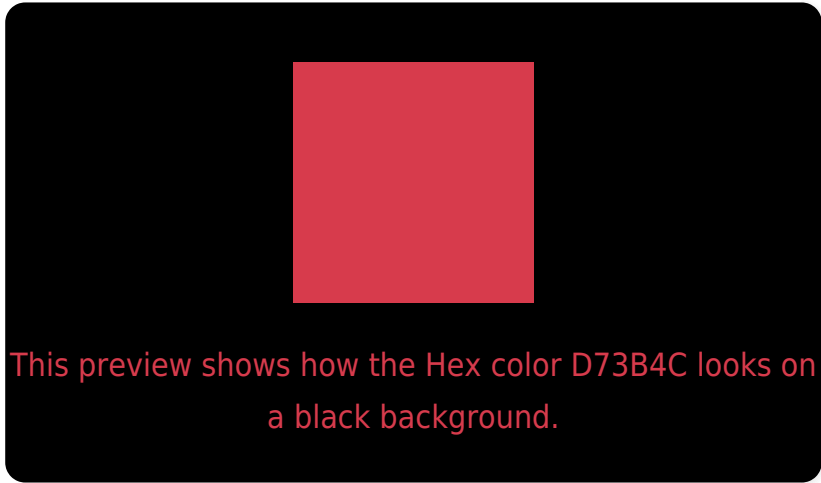
Large Text (above 18pt) WCAG AA ✓ Pass

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 D73B4C Background



This preview shows how black text looks on a background with the Hex color D73B4C.



This preview shows how white text looks on a background with the Hex color D73B4C.

# 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**  
D73B4C

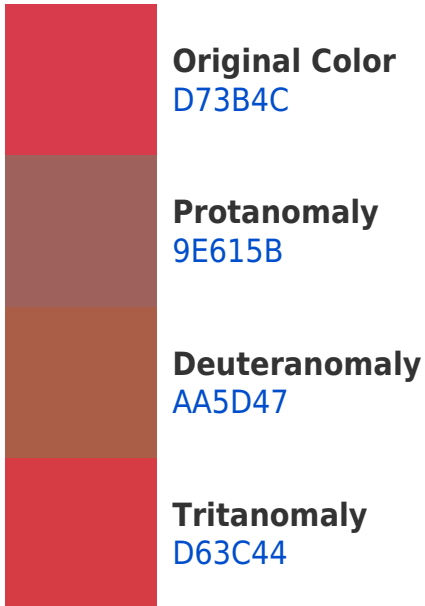
**Protanopia**  
7D7664

**Deuteranopia**  
907144

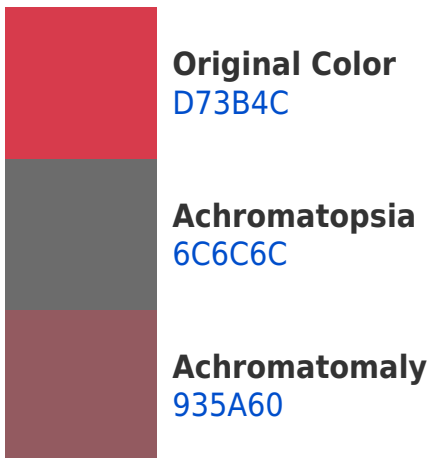


**Tritanopia**  
D63D40

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D73B4C 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 #D73B4C looks like.

```
.text, #text, p{  
    color:#D73B4C  
}
```

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 #D73B4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D73B4C } }
```

## Border

The CSS property to change the border of an element to Hex D73B4C 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".

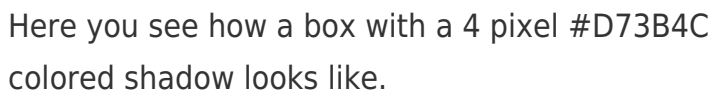
```
.border, #border, table{ border:4px solid #D73B4C } }
```

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

```
.border{ border-color:#D73B4C }
```

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

Here you see how a box with a 4 pixel #D73B4C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D73B4C; -webkit-box-shadow:4px 4px  
4px 4px #D73B4C; box-shadow:4px 4px 4px  
4px #D73B4C }
```

# Background

The CSS property to change the background color of an element to Hex D73B4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D73B4C }
```

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

```
.background{ background-color:#D73B4C }
```

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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