

Converting Colors

Hex(D83A4A)

Have a look what the booklet for
Hex(D83A4A) contains.

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Color

Hex(D83A4A)

Conversions

Conversions Part 1

Format	Color
Hex	D83A4A
RGB	216, 58, 74
RGB Percent	85%, 23%, 29%
CMY	0.1529, 0.7725, 0.7098
CMYK	0.00, 0.73, 0.66, 0.15
HSL	354°, 67%, 54%
HSV	354°, 73%, 85%
XYZ	31.0680, 18.1195, 8.3385
YIQ	107.0660, 89.0320, 38.4720

Conversions

Conversions Part 2

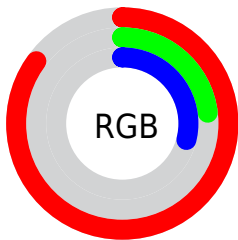
Format	Color
R _Y B	216, 58, 74
Decimal	14170698
CIE Lab	49.64, 61.49, 28.24
CIE LCh	50, 67.666, 24.668
Yxy	18.1195, 0.5401, 0.3150
Android (android.graphics.Color)	4292360778 (0xFFD83A4A)
YUV	107.0660, -16.3015, 95.5351
Hunter-Lab	42.5670, 55.7882, 18.1825

Details

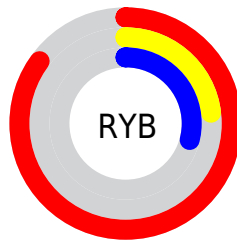
The Hex color **D83A4A** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3AD8C8**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF747B**, and **9A001E** is the 20% darker color. If you saturate the color by 10%, you get **D82437**, and if you desaturate by 10%, it is **D8505D**.

Distribution



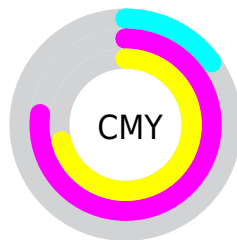
- Red (85%)
- Green (23%)
- Blue (29%)



- Red (85%)
- Yellow (23%)
- Blue (29%)



- Cyan (0%)
- Magenta (73%)
- Yellow (66%)
- Black (15%)



- Cyan (15%)
- Magenta (77%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color D83A4A 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 D83A4A by changing the saturation by 10% instead.

 D83A4A

 D83A4A

FFFFFF

 B91433

 FF747B

 9A001E

 FF9194

 7B0008

 FFADAF

 5D0000

 FFCACA

 410003

 FFE8E7

 1E0001

 000000

 D83A4A

 D83A4A

 D82437

 D8505D

 D80F23

 D86571

 D80016

 D87B84

 D89098

 D8A6AB

 D8BCBE

 D8D1D2

 D8E7E5

 D8FCF9

Harmonies

Analogous

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



D53383



D83A4A



C15710

Triad

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



D83A4A



008A2D



0080E9

Complementary

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



D83A4A



3AD8C8

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.



008BD4



D83A4A



008F6A

Square

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



D83A4A



618100



008FA5



5A6BE0

Rectangle

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



D83A4A



A76900



008FA5



0085E6

Sweetspot

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



D83A4A



FFC7CD



C63AD8



805E62



000000



808080

Same Dimension

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



D83A4A



FF1F35



D8773A



6B6061



AB0011



2B0004

Inverse Universe

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



D83A4A



FF1F35



3A9BD8



6B6061



AB0011



2B0004

Previews

White Background



This preview shows how the Hex color D83A4A looks on a white background.

Color Contrast Check

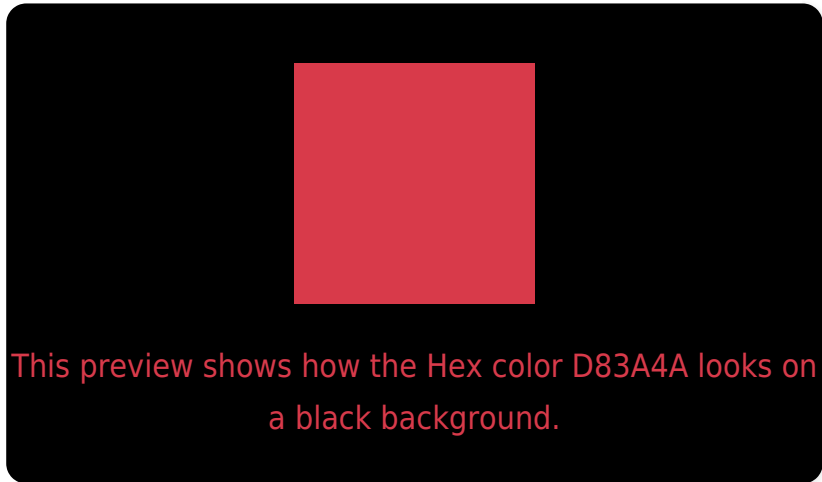
Large Text (above 18pt) WCAG AA ✓ Pass

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 D83A4A Background



This preview shows how black text looks on a background with the Hex color D83A4A.



This preview shows how white text looks on a background with the Hex color D83A4A.

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
D83A4A

Protanopia
7D7662

Deuteranopia
917142



Tritanopia
D83C3F

Trichromacy



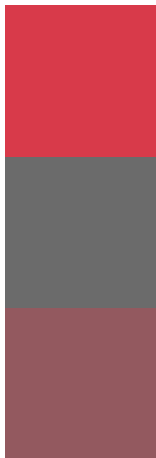
Original Color
D83A4A

Protanomaly
9E6059

Deuteranomaly
AB5D45

Tritanomaly
D83B43

Monochromacy



Original Color
D83A4A

Achromatopsia
6B6B6B

Achromatomaly
93595F

CSS Examples

Text

The CSS property to change the color of the text to Hex D83A4A 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 #D83A4A looks like.

```
.text, #text, p{  
  color:#D83A4A  
}
```

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 #D83A4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D83A4A
}
```

Border

The CSS property to change the border of an element to Hex D83A4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

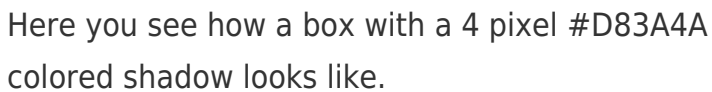
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D83A4A }
```

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

```
.border{ border-color:#D83A4A }
```

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



Here you see how a box with a 4 pixel `#D83A4A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D83A4A; -webkit-box-shadow:4px 4px  
4px 4px #D83A4A; box-shadow:4px 4px 4px  
4px #D83A4A }
```

Background

The CSS property to change the background color of an element to Hex D83A4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D83A4A }
```

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

```
.background{ background-color:#D83A4A }
```

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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