

# Converting Colors

Hex(D83829)

Have a look what the booklet for  
Hex(D83829) contains.

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# Color

**Hex(D83829)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D83829
RGB	216, 56, 41
RGB Percent	85%, 22%, 16%
CMY	0.1529, 0.7804, 0.8392
CMYK	0.00, 0.74, 0.81, 0.15
HSL	5°, 69%, 50%
HSV	5°, 81%, 85%
XYZ	30.1333, 17.5874, 3.9043
YIQ	102.1300, 100.1750, 29.2550

# Conversions

## Conversions Part 2

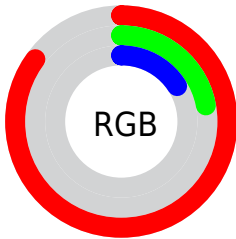
Format	Color
R <sub>Y</sub> B	216, 57, 41
Decimal	14170153
CIE Lab	48.99, 60.80, 46.10
CIE LCh	49, 76.302, 37.173
Yxy	17.5874, 0.5837, 0.3407
Android (android.graphics.Color)	4292360233 (0xFFD83829)
YUV	102.1300, -30.1371, 99.8640
Hunter-Lab	41.9373, 54.8678, 23.8363

# Details

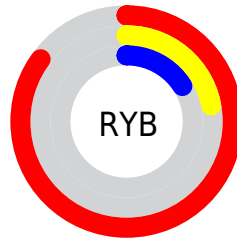
The Hex color **D83829** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **29C9D8**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF7258**, and **980000** is the 20% darker color. If you saturate the color by 10%, you get **D82413**, and if you desaturate by 10%, it is **D84C3F**.

# Distribution



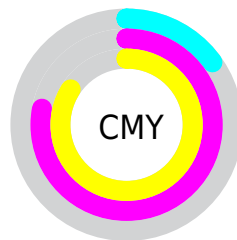
- Red (85%)
- Green (22%)
- Blue (16%)



- Red (85%)
- Yellow (22%)
- Blue (16%)



- Cyan (0%)
- Magenta (74%)
- Yellow (81%)
- Black (15%)



- Cyan (15%)
- Magenta (78%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D83829 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 D83829 by changing the saturation by 10% instead.



 D83829

 D83829

FFFFFF

 B81212

 FF7258

 980000

 FF8F71

 790000

 FFAB8B

 5A0000

 FFC8A6

 3E0003

 FFE5C1

 1A0001

 FFFFDD

 000000

 FFFFFA

 D83829

 D83829

 D82413

 D84C3F

 D81300

 D85F54

 D8736A

 D8877F

 D89B95

 D8AEAB

 D8C2C0

 D8D6D6

 D8EAEB

# Harmonies

## Analogous

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



E30D68



D83829



B45E00

# Triad

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



D83829



008D3E



0078F7

# Complementary

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



D83829



29C9D8

# 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.



0089ED



D83829



009083

# Square

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



D83829



368500



008FC2



855ADD

# Rectangle

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



D83829



937000



008FC2



007FF7



# Sweetspot

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



D83829



FFC7C2



D829C9



805E5B



000000



808080



# Same Dimension

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



D83829



FF1D08



D88F29



6B6160



AB0F00



2B0400



# Inverse Universe

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



29C9D8



08EAFF



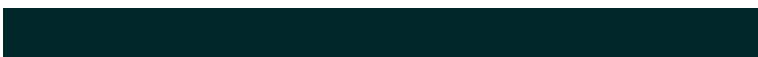
2972D8



606A6B



009CAB



00282B



# Previews

## White Background



This preview shows how the Hex color D83829 looks on a white background.

## Color Contrast Check

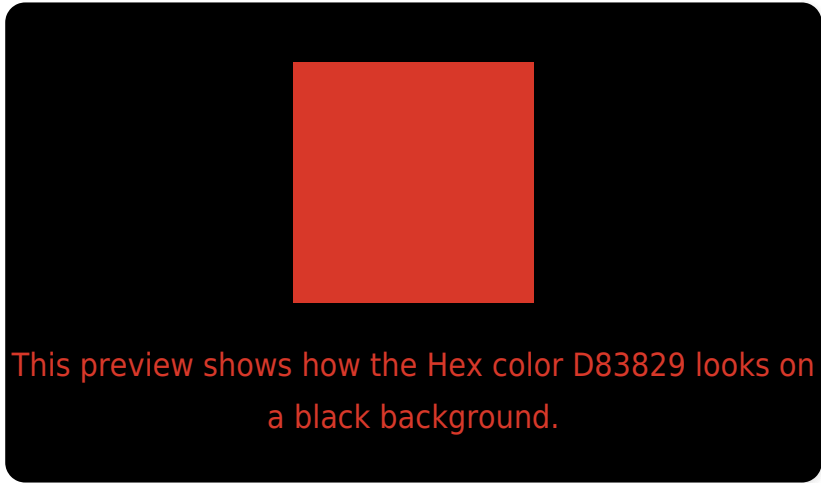
Large Text (above 18pt) WCAG AA ✓ Pass

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 D83829 Background



This preview shows how black text looks on a background with the Hex color D83829.



This preview shows how white text looks on a background with the Hex color D83829.

# 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





**Tritanopia**  
D83638

# Trichromacy



**Original Color**  
D83829

**Protanomaly**  
A15F34

**Deuteranomaly**  
AC5B1F

**Tritanomaly**  
D83733

# Monochromacy



**Original Color**  
D83829

**Achromatopsia**  
666666

**Achromatomaly**  
8F5550

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D83829 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 #D83829 looks like.

```
.text, #text, p{  
    color:#D83829  
}
```

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 #D83829 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D83829
}
```

## Border

The CSS property to change the border of an element to Hex D83829 is called "border". The border property can be set on classes, ids or directly on the HTML element.

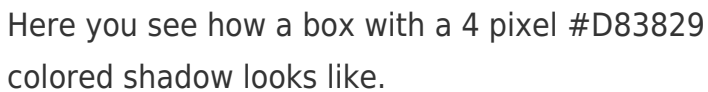
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D83829 }
```

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

```
.border{ border-color:#D83829 }
```

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



Here you see how a box with a 4 pixel #D83829 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D83829; -webkit-box-shadow:4px 4px  
4px 4px #D83829; box-shadow:4px 4px 4px  
4px #D83829 }
```

# Background

The CSS property to change the background color of an element to Hex D83829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D83829 }
```

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

```
.background{ background-color:#D83829 }
```

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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