

Converting Colors

Hex(D83400)

Have a look what the booklet for
Hex(D83400) contains.

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Color

Hex(D83400)

Conversions

Conversions Part 1

Format	Color
Hex	D83400
RGB	216, 52, 0
RGB Percent	85%, 20%, 0%
CMY	0.1529, 0.7961, 1.0000
CMYK	0.00, 0.76, 1.00, 0.15
HSL	14°, 100%, 42%
HSV	14°, 100%, 85%
XYZ	29.5469, 17.0549, 1.7346
YIQ	95.1080, 114.4360, 18.5960

Conversions

Conversions Part 2

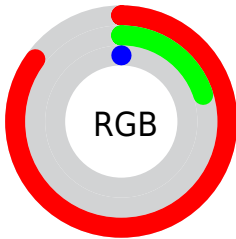
Format	Color
RYB	216, 68, 0
Decimal	14169088
CIELab	48.33, 61.43, 60.59
CIElCh	48, 86.281, 44.605
Yxy	17.0549, 0.6113, 0.3528
Android (android.graphics.Color)	4292359168 (0xFFD83400)
YUV	95.1080, -46.8882, 106.0223
Hunter-Lab	41.2976, 55.4393, 26.4179

Details

The Hex color **D83400** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **00A4D8**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6F3A**, and **970000** is the 20% darker color. If you saturate the color by 10%, you get **D83400**, and if you desaturate by 10%, it is **D84416**.

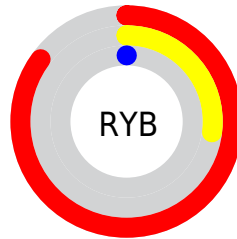
Distribution



Red (85%)

Green (20%)

Blue (0%)



Red (85%)

Yellow (27%)

Blue (0%)

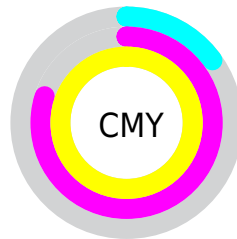


Cyan (0%)

Magenta (76%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D83400 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 D83400 by changing the saturation by 10% instead.

 D83400

 D83400

 FFFFF7

 B80800

 FF6F3A

 970000

 FF8B53

 780000

 FFA86D

 590000

 FFC587

 3D0003

 FFE2A2

 170000

 FFFFBE

 000000

 FFFFDA

 D83400

 D84416

 D8552B

 D86541

 D87656

 D8866C

 D89682

 D8A797

 D8B7AD

 D8C8C2

Harmonies

Analogous

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



ED0053



D83400



AA6100

Triad

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



D83400



008E49



0071FF

Complementary

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



D83400



00A4D8

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.



0086FF



D83400



009096

Square

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



D83400



008800



008FD9



9E48DC

Rectangle

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



D83400



827400



008FD9



007AFF

Sweetspot

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



D83400



FFC5B3



D800A6



805D52



000000



808080

Same Dimension

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



D83400



FF3D00



D89E00



6B6360



AB2900



2B0A00

Inverse Universe

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



00A4D8



00C2FF



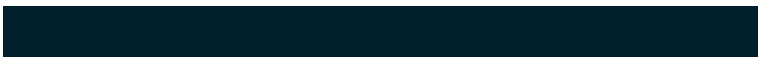
003AD8



60696B



0082AB



00212B

Previews

White Background



This preview shows how the Hex color D83400 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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D83400 Background



This preview shows how black text looks on a background with the Hex color D83400.



This preview shows how white text looks on a background with the Hex color D83400.

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
D83400

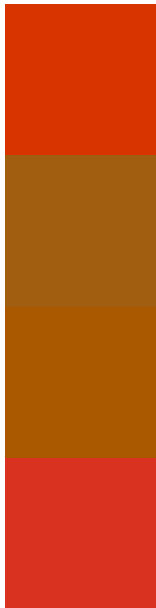
Protanopia
827419

Deuteranopia
926E00



Tritanopia
D93132

Trichromacy



Original Color
D83400

Protanomaly
A15D10

Deuteranomaly
AB5900

Tritanomaly
D93220

Monochromacy



Original Color
D83400

Achromatopsia
5F5F5F

Achromatomaly
8B4F3C

CSS Examples

Text

The CSS property to change the color of the text to Hex D83400 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 #D83400 looks like.

```
.text, #text, p{  
    color:#D83400  
}
```

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 #D83400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D83400
}
```

Border

The CSS property to change the border of an element to Hex D83400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

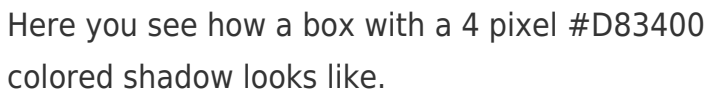
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D83400 }
```

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

```
.border{ border-color:#D83400 }
```

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



Here you see how a box with a 4 pixel #D83400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D83400; -webkit-box-shadow:4px 4px  
4px 4px #D83400; box-shadow:4px 4px 4px  
4px #D83400 }
```

Background

The CSS property to change the background color of an element to Hex D83400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D83400 }
```

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

```
.background{ background-color:#D83400 }
```

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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