

Converting Colors

Hex(D83F00)

Have a look what the booklet for
Hex(D83F00) contains.

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Color

Hex(D83F00)

Conversions

Conversions Part 1

Format	Color
Hex	D83F00
RGB	216, 63, 0
RGB Percent	85%, 25%, 0%
CMY	0.1529, 0.7529, 1.0000
CMYK	0.00, 0.71, 1.00, 0.15
HSL	18°, 100%, 42%
HSV	18°, 100%, 85%
XYZ	30.0964, 18.1539, 1.9178
YIQ	101.5650, 111.4110, 12.8430

Conversions

Conversions Part 2

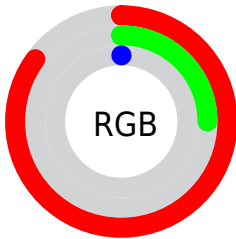
Format	Color
R_{YB}	216, 89, 0
Decimal	14171904
CIE Lab	49.68, 57.68, 61.21
CIE LCh	50, 84.106, 46.698
Yxy	18.1539, 0.5999, 0.3619
Android (android.graphics.Color)	4292361984 (0xFFD83F00)
YUV	101.5650, -50.0715, 100.3595
Hunter-Lab	42.6074, 51.5231, 27.1565

Details

The Hex color **D83F00** 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 **0099D8**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF773B**, and **980000** is the 20% darker color. If you saturate the color by 10%, you get **D83F00**, and if you desaturate by 10%, it is **D84E16**.

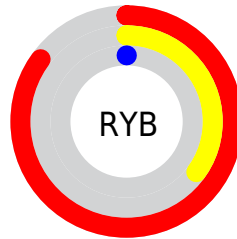
Distribution



Red (85%)

Green (25%)

Blue (0%)



Red (85%)

Yellow (35%)

Blue (0%)

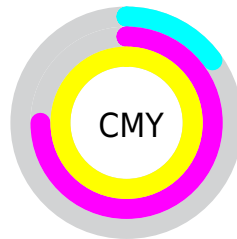


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D83F00 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 D83F00 by changing the saturation by 10% instead.

 D83F00

 D83F00

 FFFFFFF9

 B81E00

 FF773B

 980000

 FF9355

 780000

 FFB06F

 590000

 FFCC89

 3E0003

 FFEAA4

 1A0001

 FFFFC0

 000000

 FFFFDC

 D83F00

 D84E16

 D85E2B

 D86D41

 D87C56

 D88C6C

 D89B82

 D8AA97

 D8B9AD

 D8C9C2

Harmonies

Analogous

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



EE0052



D83F00



AA6700

Triad

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



D83F00



009153



0072FF

Complementary

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



D83F00



0099D8

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.



0088FF



D83F00



00949E

Square

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



D83F00



008C00



0092DE



A74ADA

Rectangle

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



D83F00



827900



0092DE



007BFF

Sweetspot

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



D83F00



FFC9B3



D8009B



805F52



000000



808080

Same Dimension

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



D83F00



FF4A00



D8A900



6B6460



AB3200



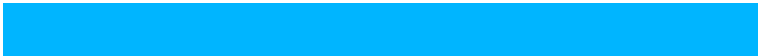
2B0D00

Inverse Universe

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



0099D8



00B5FF



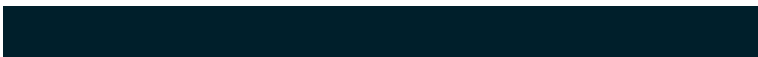
002FD8



60686B



0079AB



001F2B

Previews

White Background



This preview shows how the Hex color D83F00 looks on a white background.

Color Contrast Check

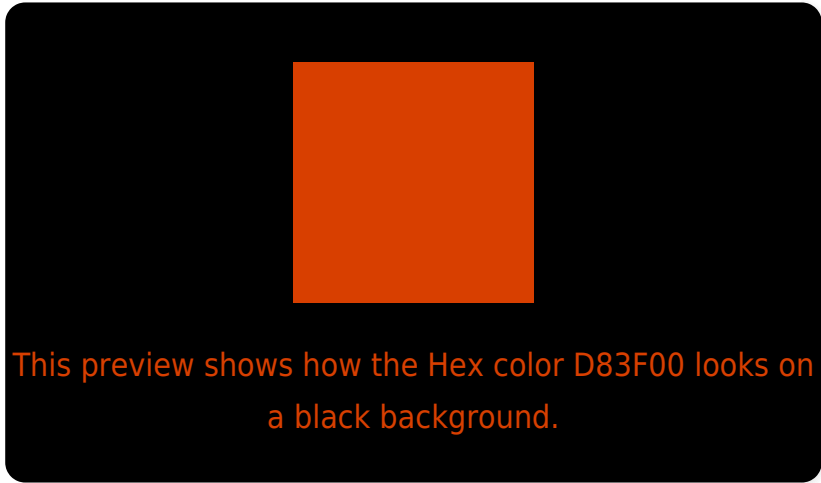
Large Text (above 18pt) WCAG AA ✓ Pass

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 D83F00 Background



This preview shows how black text looks on a background with the Hex color D83F00.



This preview shows how white text looks on a background with the Hex color D83F00.

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
D83F00

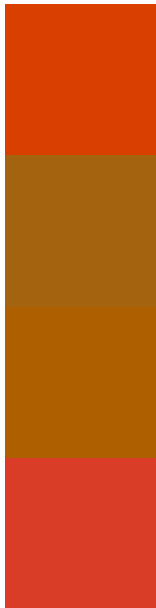
Protanopia
867718

Deuteranopia
967100



Tritanopia
D93B3D

Trichromacy



Original Color
D83F00

Protanomaly
A4630F

Deuteranomaly
AE5F00

Tritanomaly
D93C27

Monochromacy



Original Color
D83F00

Achromatopsia
666666

Achromatomaly
8F5841

CSS Examples

Text

The CSS property to change the color of the text to Hex D83F00 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 #D83F00 looks like.

```
.text, #text, p{  
    color:#D83F00  
}
```

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 #D83F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D83F00  
}
```

Border

The CSS property to change the border of an element to Hex D83F00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

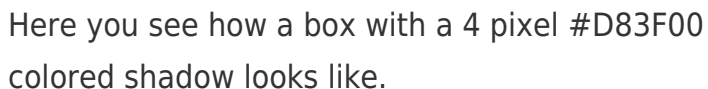
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#D83F00 }
```

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

```
.border{ border-color:#D83F00 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a thick orange line that is 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #D83F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D83F00; -webkit-box-shadow:4px 4px  
4px 4px #D83F00; box-shadow:4px 4px 4px  
4px #D83F00 }
```

Background

The CSS property to change the background color of an element to Hex D83F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D83F00 }
```

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

```
.background{ background-color:#D83F00 }
```

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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