

Converting Colors

Hex(D83006)

Have a look what the booklet for
Hex(D83006) contains.

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Color

Hex(D83006)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D83006 |
| RGB | 216, 48, 6 |
| RGB Percent | 85%, 19%, 2% |
| CMY | 0.1529, 0.8118, 0.9765 |
| CMYK | 0.00, 0.78, 0.97, 0.15 |
| HSL | 12°, 95%, 44% |
| HSV | 12°, 97%, 85% |
| XYZ | 29.4087, 16.7260, 1.8507 |
| YIQ | 93.4440, 113.6100, 22.5540 |

Conversions

Conversions Part 2

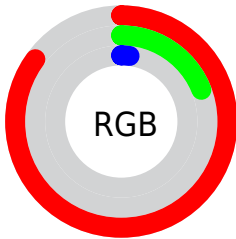
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 216, 59, 6 |
| Decimal | 14168070 |
| CIELab | 47.91, 62.69, 58.77 |
| CIElCh | 48, 85.934, 43.150 |
| Yxy | 16.7260, 0.6129, 0.3486 |
| Android (android.graphics.Color) | 4292358150 (0xFFD83006) |
| YUV | 93.4440, -43.1099, 107.4816 |
| Hunter-Lab | 40.8974, 56.7862, 25.9452 |

Details

The Hex color **D83006** 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 **06AED8**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF6C3D**, and **970000** is the 20% darker color. If you saturate the color by 10%, you get **D82B00**, and if you desaturate by 10%, it is **D8411C**.

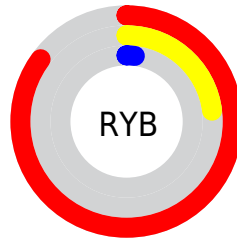
Distribution



Red (85%)

Green (19%)

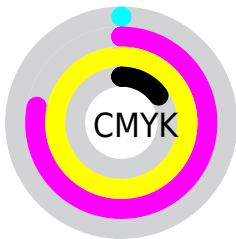
Blue (2%)



Red (85%)

Yellow (23%)

Blue (2%)

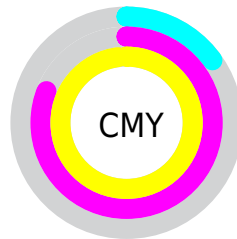


Cyan (0%)

Magenta (78%)

Yellow (97%)

Black (15%)



Cyan (15%)

Magenta (81%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color D83006 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 D83006 by changing the saturation by 10% instead.

 D83006

 D83006

 FFFFFA

 B80000

 FF6C3D

 970000

 FF8956

 770000

 FFA570

 590000

 FFC28A

 3C0003

 FFDF A5

 170000

 FFFDC1

 000000

 FFFFDD

 D83006

 D83006

 D82B00

 D8411C

 D85331

 D86447

 D8755C

 D88672

 D89888

 D8A99D

 D8BAB3

 D8CCC8

Harmonies

Analogous

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



EB0056



D83006



AC5F00

Triad

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



D83006



008C44



0071FF

Complementary

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



D83006



06AED8

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



D83006



008F91

Square

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



D83006



008600



008ED5



984ADD

Rectangle

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



D83006



847200



008ED5



007AFF

Sweetspot

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



D83006



FFC4B5



D806AE



805C53



000000



808080

Same Dimension

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



D83006



FF3300



D89906



6B6360



AB2200



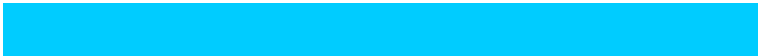
2B0900

Inverse Universe

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



06AED8



00CCFF



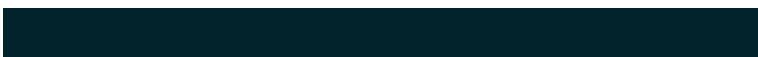
0645D8



60696B



0089AB



00232B

Previews

White Background



This preview shows how the Hex color D83006 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 D83006 Background



This preview shows how black text looks on a background with the Hex color D83006.



This preview shows how white text looks on a background with the Hex color D83006.

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

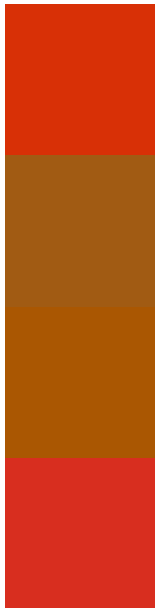


Original Color
D83006

Protanopia
81731A

Deuteranopia
906D00

Trichromacy



Original Color
D83006

Protanomaly
A15B13

Deuteranomaly
AA5702

Tritanomaly
D82E1F

Monochromacy



Original Color
D83006

Achromatopsia
5D5D5D

Achromatomaly
8A4D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex D83006 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 #D83006 looks like.

```
.text, #text, p{  
    color:#D83006  
}
```

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 #D83006 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D83006
}
```

Border

The CSS property to change the border of an element to Hex D83006 is called "border". The border property can be set on classes, ids or directly on the HTML element.

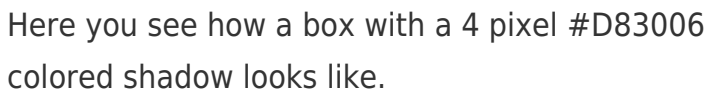
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D83006 }
```

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

```
.border{ border-color:#D83006 }
```

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



Here you see how a box with a 4 pixel #D83006 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D83006; -webkit-box-shadow:4px 4px  
4px 4px #D83006; box-shadow:4px 4px 4px  
4px #D83006 }
```

Background

The CSS property to change the background color of an element to Hex D83006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D83006 }
```

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

```
.background{ background-color:#D83006 }
```

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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