

Converting Colors

Hex(D33D02)

Have a look what the booklet for
Hex(D33D02) contains.

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Color

Hex(D33D02)

Conversions

Conversions Part 1

Format	Color
Hex	D33D02
RGB	211, 61, 2
RGB Percent	83%, 24%, 1%
CMY	0.1725, 0.7608, 0.9922
CMYK	0.00, 0.71, 0.99, 0.17
HSL	17°, 98%, 42%
HSV	17°, 99%, 83%
XYZ	28.5437, 17.1908, 1.8712
YIQ	99.1240, 108.3390, 13.4510

Conversions

Conversions Part 2

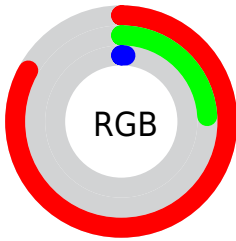
Format	Color
RYB	211, 84, 2
Decimal	13843714
CIELab	48.50, 56.82, 59.59
CIElCh	48, 82.339, 46.367
Yxy	17.1908, 0.5996, 0.3611
Android (android.graphics.Color)	4292033794 (0xFFD33D02)
YUV	99.1240, -47.8821, 98.1153
Hunter-Lab	41.4617, 50.3274, 26.3475

Details

The Hex color **D33D02** 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 **0298D3**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF753C**, and **930000** is the 20% darker color. If you saturate the color by 10%, you get **D33C00**, and if you desaturate by 10%, it is **D34C17**.

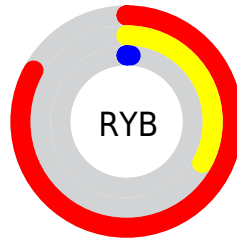
Distribution



Red (83%)

Green (24%)

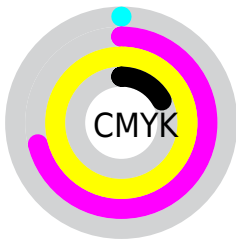
Blue (1%)



Red (83%)

Yellow (33%)

Blue (1%)

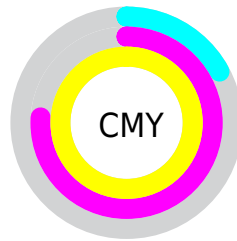


Cyan (0%)

Magenta (71%)

Yellow (99%)

Black (17%)



Cyan (17%)

Magenta (76%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color D33D02 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 D33D02 by changing the saturation by 10% instead.

 D33D02

 D33D02

 FFFFFFF9

 B31C00

 FF753C

 930000

 FF9155

 740000

 FFAD6F

 550000

 FFCA89

 3A0002

 FFE7A4

 110000

 FFFFC0

 000000

 FFFFDC

 D33D02

 D33D02

 D33C00

 D34C17

 D35B2C

 D36A41

 D37A56

 D3896C

 D39881

 D3A796

 D3B6AB

 D3C5C0

Harmonies

Analogous

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



E80051



D33D02



A66400

Triad

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



D33D02



008E50



006FFB

Complementary

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



D33D02



0298D3

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.



0085FD



D33D02



009099

Square

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



D33D02



008800



008ED8



A249D5

Rectangle

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



D33D02



807500



008ED8



0078FF

Sweetspot

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



D33D02



FFC8B3



D3029B



805F52



000000



808080

Same Dimension

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



D33D02



FF4800



D3A202



69615E



A83000



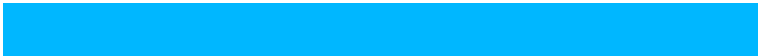
290C00

Inverse Universe

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



0298D3



00B7FF



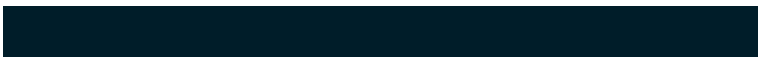
0233D3



5E6669



0079A8



001D29

Previews

White Background



This preview shows how the Hex color D33D02 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 D33D02 Background



This preview shows how black text looks on a background with the Hex color D33D02.



This preview shows how white text looks on a background with the Hex color D33D02.

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
D33D02

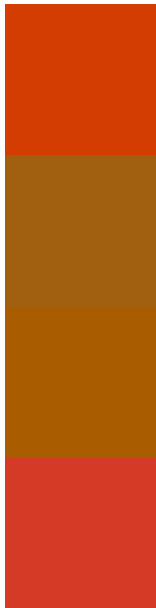
Protanopia
837417

Deuteranopia
926E00



Tritanopia
D4393B

Trichromacy



Original Color
D33D02

Protanomaly
A0600F

Deuteranomaly
AA5C01

Tritanomaly
D43A26

Monochromacy



Original Color
D33D02

Achromatopsia
636363

Achromatomaly
8C5540

CSS Examples

Text

The CSS property to change the color of the text to Hex D33D02 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 #D33D02 looks like.

```
.text, #text, p{  
    color:#D33D02  
}
```

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 #D33D02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D33D02
}
```

Border

The CSS property to change the border of an element to Hex D33D02 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
#D33D02 }
```

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

```
.border{ border-color:#D33D02 }
```

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

Here you see how a box with a 4 pixel #D33D02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D33D02; -webkit-box-shadow:4px 4px  
4px 4px #D33D02; box-shadow:4px 4px 4px  
4px #D33D02 }
```

Background

The CSS property to change the background color of an element to Hex D33D02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D33D02 }
```

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

```
.background{ background-color:#D33D02 }
```

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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