

Converting Colors

Hex(D33D31)

Have a look what the booklet for
Hex(D33D31) contains.

Hex(D33D31)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D33D31)

Conversions

Conversions Part 1

Format	Color
Hex	D33D31
RGB	211, 61, 49
RGB Percent	83%, 24%, 19%
CMY	0.1725, 0.7608, 0.8078
CMYK	0.00, 0.71, 0.77, 0.17
HSL	4°, 65%, 51%
HSV	4°, 77%, 83%
XYZ	29.0871, 17.4081, 4.7328
YIQ	104.4820, 93.2520, 28.0680

Conversions

Conversions Part 2

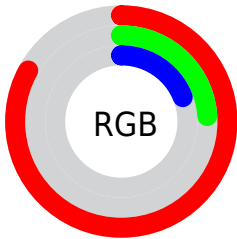
Format	Color
RYB	211, 62, 49
Decimal	13843761
CIELab	48.77, 57.76, 41.35
CIElCh	49, 71.038, 35.599
Yxy	17.4081, 0.5678, 0.3398
Android (android.graphics.Color)	4292033841 (0xFFD33D31)
YUV	104.4820, -27.3526, 93.4163
Hunter-Lab	41.7230, 51.4254, 22.4807

Details

The Hex color **D33D31** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31C7D3**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF7660**, and **940003** is the 20% darker color. If you saturate the color by 10%, you get **D3291C**, and if you desaturate by 10%, it is **D35146**.

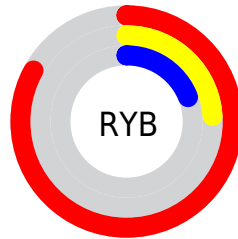
Distribution



Red (83%)

Green (24%)

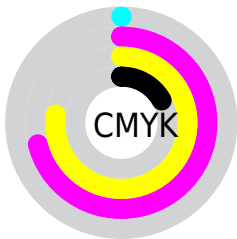
Blue (19%)



Red (83%)

Yellow (24%)

Blue (19%)

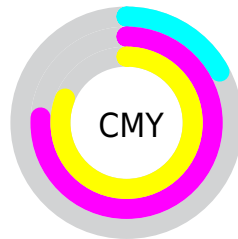


Cyan (0%)

Magenta (71%)

Yellow (77%)

Black (17%)



Cyan (17%)

Magenta (76%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color D33D31 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 D33D31 by changing the saturation by 10% instead.

 D33D31

 D33D31

FFFFFF

 B31C1B

 FF7660

 940003

 FF927A

 750000

 FFAE94

 570000

 FFCBAE

 3B0002

 FFE8CA

 150000

 FFFFE6

 000000

 D33D31

 D33D31

 D3291C

 D35146

 D31607

 D3645B

 D31000

 D37870

 D38B85

 D39F9B

 D3B2B0

 D3C6C5

 D3D9DA

 D3EDEF

Harmonies

Analogous

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



DB246B



D33D31



B35E00

Triad

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



D33D31



008B3F



0078ED

Complementary

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



D33D31



31C7D3

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.



0087E2



D33D31



008E7E

Square

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



D33D31



418300



008DB9



7F5ED7

Rectangle

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



D33D31



946E00



008DB9



007EED

Sweetspot

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



D33D31



FFC9C4



D331C8



805E5C



000000



808080

Same Dimension

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



D33D31



FF2614



D38D31



695F5E



A80C00



290300

Inverse Universe

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



31C7D3



14EEFF



3177D3



5E6869



009CA8



002629

Previews

White Background



This preview shows how the Hex color D33D31 looks on a white background.

Color Contrast Check

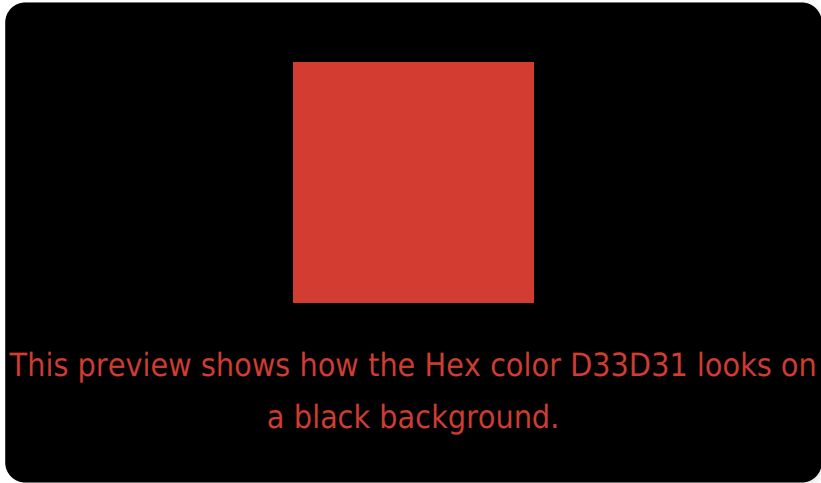
Large Text (above 18pt) WCAG AA ✓ Pass

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 D33D31 Background



This preview shows how black text looks on a background with the Hex color D33D31.



This preview shows how white text looks on a background with the Hex color D33D31.

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
D33D31

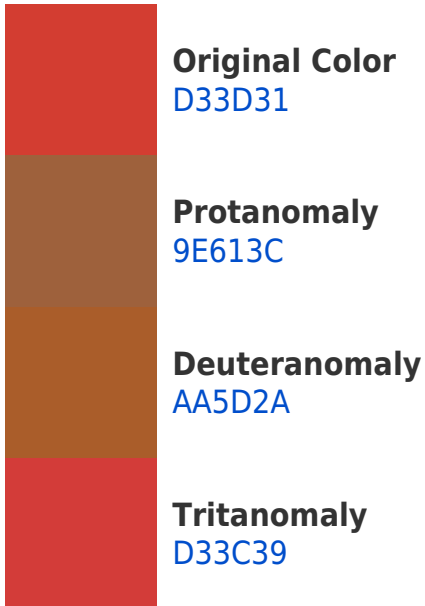
Protanopia
807542

Deuteranopia
926F26



Tritanopia
D33B3E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D33D31 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 #D33D31 looks like.

```
.text, #text, p{  
    color:#D33D31  
}
```

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 #D33D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D33D31
}
```

Border

The CSS property to change the border of an element to Hex D33D31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

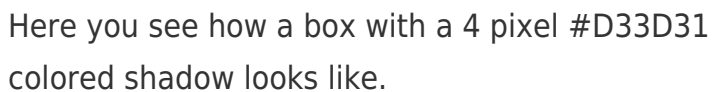
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D33D31 }
```

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

```
.border{ border-color:#D33D31 }
```

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



Here you see how a box with a 4 pixel #D33D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D33D31; -webkit-box-shadow:4px 4px  
4px 4px #D33D31; box-shadow:4px 4px 4px  
4px #D33D31 }
```

Background

The CSS property to change the background color of an element to Hex D33D31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D33D31 }
```

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

```
.background{ background-color:#D33D31 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor