

Converting Colors

Hex(D33633)

Have a look what the booklet for
Hex(D33633) contains.

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Color

Hex(D33633)

Conversions

Conversions Part 1

Format	Color
Hex	D33633
RGB	211, 54, 51
RGB Percent	83%, 21%, 20%
CMY	0.1725, 0.7882, 0.8000
CMYK	0.00, 0.74, 0.76, 0.17
HSL	1°, 65%, 51%
HSV	1°, 76%, 83%
XYZ	28.7807, 16.7262, 4.8435
YIQ	100.6010, 94.5350, 32.3510

Conversions

Conversions Part 2

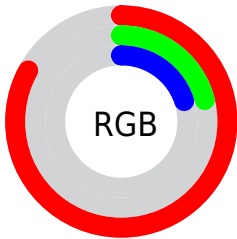
Format	Color
RYB	211, 54, 51
Decimal	13841971
CIELab	47.91, 60.27, 39.33
CIElCh	48, 71.966, 33.128
Yxy	16.7262, 0.5716, 0.3322
Android (android.graphics.Color)	4292032051 (0xFFD33633)
YUV	100.6010, -24.4533, 96.8199
Hunter-Lab	40.8977, 54.0436, 21.6066

Details

The Hex color **D33633** 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 **33D0D3**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF7062**, and **940007** is the 20% darker color. If you saturate the color by 10%, you get **D3211E**, and if you desaturate by 10%, it is **D34B48**.

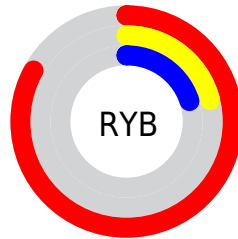
Distribution



Red (83%)

Green (21%)

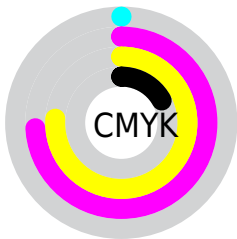
Blue (20%)



Red (83%)

Yellow (21%)

Blue (20%)

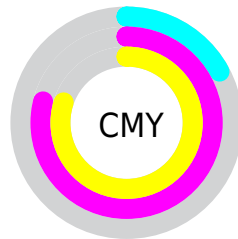


Cyan (0%)

Magenta (74%)

Yellow (76%)

Black (17%)



Cyan (17%)

Magenta (79%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color D33633 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 D33633 by changing the saturation by 10% instead.

 D33633

 D33633

FFFFFF

 B30E1D

 FF7062

 940007

 FF8D7B

 750000

 FFA995

 560000

 FFC6B0

 3A0002

 FFE3CC

 130000

 FFFFEE

 000000

 D33633

 D33633

 D3211E

 D34B48

 D30D09

 D35F5D

 D30400

 D37472

 D38987

 D39E9C

 D3B2B2

 D3C7C7

 D3DCDC

 D3F0F1

Harmonies

Analogous

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



D91C6E



D33633



B45900

Triad

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



D33633



008836



0078ED

Complementary

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



D33633



33D0D3

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.



0086DF



D33633



008B77

Square

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



D33633



458000



008BB3



745ED9

Rectangle

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



D33633



966A00



008BB3



007EEC

Sweetspot

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



D33633



FFC5C4



D333D0



805C5C



000000



808080

Same Dimension

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



D33633



FF1B17



D38633



695E5E



A80300



290100

Inverse Universe

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



33D0D3



17FBFF



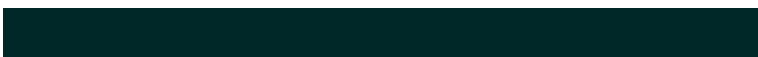
3380D3



5E6869



00A5A8



002829

Previews

White Background



This preview shows how the Hex color D33633 looks on a white background.

Color Contrast Check

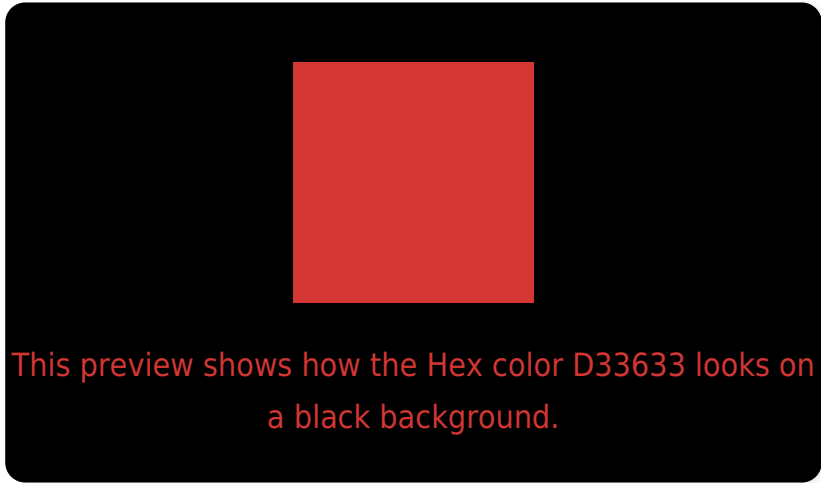
Large Text (above 18pt) WCAG AA ✓ Pass

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 D33633 Background



This preview shows how black text looks on a background with the Hex color D33633.



This preview shows how white text looks on a background with the Hex color D33633.

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
D33633

Protanopia
7D7246

Deuteranopia
8F6D28



Tritanopia
D33537

Trichromacy



Original Color
D33633

Protanomaly
9C5C3F

Deuteranomaly
A8592C

Tritanomaly
D33536

Monochromacy



Original Color
D33633

Achromatopsia
656565

Achromatomaly
8D5453

CSS Examples

Text

The CSS property to change the color of the text to Hex D33633 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 #D33633 looks like.

```
.text, #text, p{  
    color:#D33633  
}
```

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 #D33633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D33633
}
```

Border

The CSS property to change the border of an element to Hex D33633 is called "border". The border property can be set on classes, ids or directly on the HTML element.

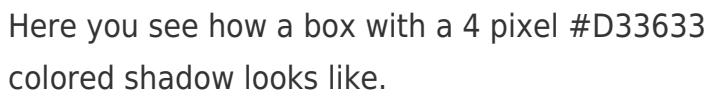
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D33633 }
```

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

```
.border{ border-color:#D33633 }
```

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



Here you see how a box with a 4 pixel #D33633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D33633; -webkit-box-shadow:4px 4px  
4px 4px #D33633; box-shadow:4px 4px 4px  
4px #D33633 }
```

Background

The CSS property to change the background color of an element to Hex D33633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D33633 }
```

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

```
.background{ background-color:#D33633 }
```

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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