

# Converting Colors

Hex(D33E38)

Have a look what the booklet for  
Hex(D33E38) contains.

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# Color

Hex(D33E38)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D33E38
RGB	211, 62, 56
RGB Percent	83%, 24%, 22%
CMY	0.1725, 0.7569, 0.7804
CMYK	0.00, 0.71, 0.73, 0.17
HSL	2°, 64%, 52%
HSV	2°, 73%, 83%
XYZ	29.3004, 17.5797, 5.5903
YIQ	105.8670, 90.7300, 29.7220

# Conversions

## Conversions Part 2

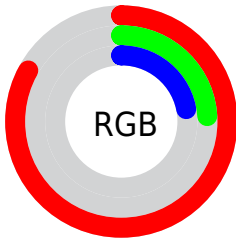
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 62, 56
Decimal	13844024
CIE Lab	48.98, 57.67, 37.70
CIE LCh	49, 68.901, 33.177
Yxy	17.5797, 0.5584, 0.3350
Android (android.graphics.Color)	4292034104 (0xFFD33E38)
YUV	105.8670, -24.5844, 92.2016
Hunter-Lab	41.9281, 51.3661, 21.4445

# Details

The Hex color **D33E38** 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 **38CDD3**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF7768**, and **95000D** is the 20% darker color. If you saturate the color by 10%, you get **D32A23**, and if you desaturate by 10%, it is **D3524D**.

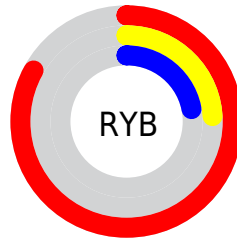
# Distribution



Red (83%)

Green (24%)

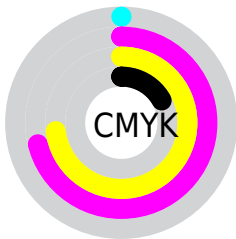
Blue (22%)



Red (83%)

Yellow (24%)

Blue (22%)

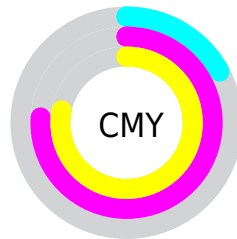


Cyan (0%)

Magenta (71%)

Yellow (73%)

Black (17%)



Cyan (17%)

Magenta (76%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D33E38 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 D33E38 by changing the saturation by 10% instead.



 D33E38

 D33E38

FFFFFF

 B41D22

 FF7768

 95000D

 FF9381

 760000

 FFAF9B

 570000

 FFCCB6

 3C0003

 FFE9D2

 160000

 FFFFEE

 000000

 D33E38

 D33E38

 D32A23

 D3524D

 D3150E

 D36762

 D30800

 D37B77

 D38F8C

 D3A3A2

 D3B8B7

 D3CCCC

 D3E0E1

 D3F5F6

# Harmonies

## Analogous

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



D82B71



D33E38



B55D00

# Triad

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



D33E38



008A3C



007AEA

# Complementary

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



D33E38



38CDD3

# 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.



0088DD



D33E38



008E79

# Square

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



D33E38



4B8300



008DB3



7862D7

# Rectangle

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



D33E38



986D00



008DB3



0080E9



# Sweetspot

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



D33E38



FFC9C7



D338CE



80605E



000000



808080



# Same Dimension

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



D33E38



FF271F



D38B38



695E5E



A80700



290200



# Inverse Universe

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



38CDD3



1FF6FF



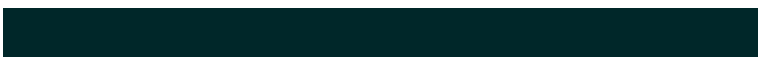
3880D3



5E6869



00A2A8

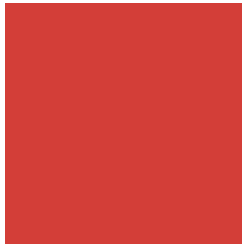


002729



# Previews

## White Background



This preview shows how the Hex color D33E38 looks on a white background.

## Color Contrast Check

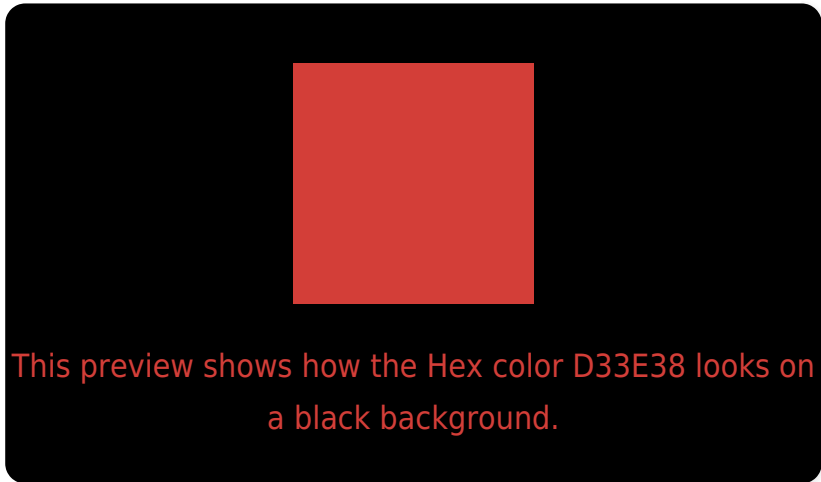
Large Text (above 18pt) WCAG AA ✓ Pass

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 D33E38 Background



This preview shows how black text looks on a background with the Hex color D33E38.



This preview shows how white text looks on a background with the Hex color D33E38.

# 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](#).

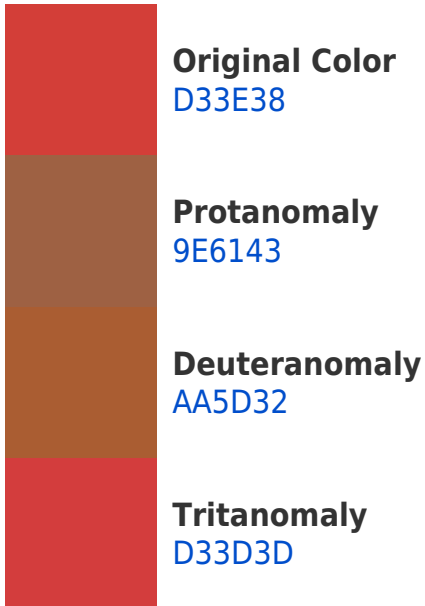
## Dichromacy



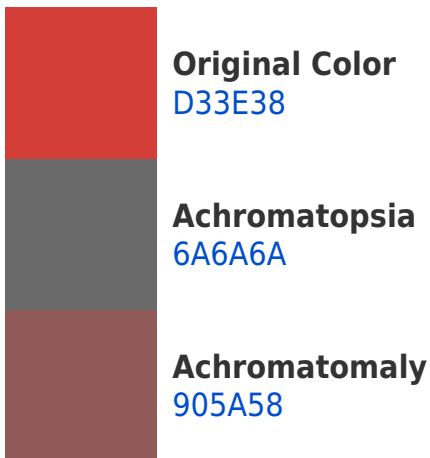


**Tritanopia**  
D33D40

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D33E38 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 #D33E38 looks like.

```
.text, #text, p{  
    color:#D33E38  
}
```

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 #D33E38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D33E38
}
```

## Border

The CSS property to change the border of an element to Hex D33E38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

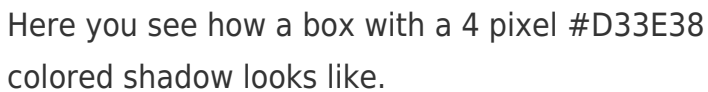
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D33E38 }
```

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

```
.border{ border-color:#D33E38 }
```

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



Here you see how a box with a 4 pixel #D33E38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D33E38; -webkit-box-shadow:4px 4px  
4px 4px #D33E38; box-shadow:4px 4px 4px  
4px #D33E38 }
```

# Background

The CSS property to change the background color of an element to Hex D33E38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D33E38 }
```

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

```
.background{ background-color:#D33E38 }
```

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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