

# Converting Colors

Hex(D33E30)

Have a look what the booklet for  
Hex(D33E30) contains.

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# Color

**Hex(D33E30)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D33E30
RGB	211, 62, 48
RGB Percent	83%, 24%, 19%
CMY	0.1725, 0.7569, 0.8118
CMYK	0.00, 0.71, 0.77, 0.17
HSL	5°, 65%, 51%
HSV	5°, 77%, 83%
XYZ	29.1201, 17.5075, 4.6408
YIQ	104.9550, 93.2980, 27.2340

# Conversions

## Conversions Part 2

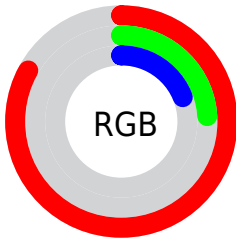
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 63, 48
Decimal	13844016
CIE Lab	48.89, 57.36, 42.02
CIE LCh	49, 71.105, 36.228
Yxy	17.5075, 0.5680, 0.3415
Android (android.graphics.Color)	4292034096 (0xFFD33E30)
YUV	104.9550, -28.0788, 93.0015
Hunter-Lab	41.8420, 51.0042, 22.7134

# Details

The Hex color **D33E30** 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 **30C5D3**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF775F**, and **940002** is the 20% darker color. If you saturate the color by 10%, you get **D32B1B**, and if you desaturate by 10%, it is **D35145**.

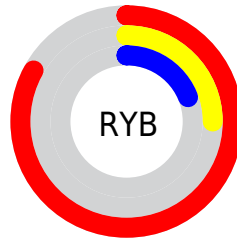
# Distribution



Red (83%)

Green (24%)

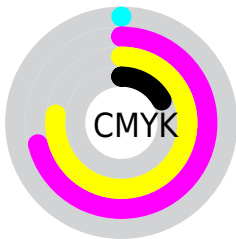
Blue (19%)



Red (83%)

Yellow (25%)

Blue (19%)

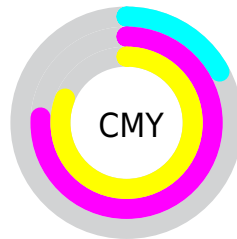


Cyan (0%)

Magenta (71%)

Yellow (77%)

Black (17%)



Cyan (17%)

Magenta (76%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D33E30 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 D33E30 by changing the saturation by 10% instead.



 D33E30

 D33E30

FFFFFF

 B31D1A

 FF775F

 940002

 FF9379

 750000

 FFAF93

 570000

 FFCCAD

 3B0003

 FFE9C9

 150000

 FFFF E5

 000000

 D33E30

 D33E30

 D32B1B

 D35145

 D31706

 D3655A

 D31200

 D3786F

 D38B84

 D39E9A

 D3B2AF

 D3C5C4

 D3D8D9

 D3ECEE

# Harmonies

## Analogous

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



DC246A



D33E30



B25E00

# Triad

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



D33E30



008B40



0078ED

# Complementary

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



D33E30



30C5D3

# 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.



0087E3



D33E30



008E80

# Square

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



D33E30



408400



008DBA



825DD6

# Rectangle

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



D33E30



936F00



008DBA



007EEE



# Sweetspot

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



D33E30



FFC9C4



D330C5



805F5C



000000



808080



# Same Dimension

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



D33E30



FF2612



D38F30



695F5E



A80E00



290400

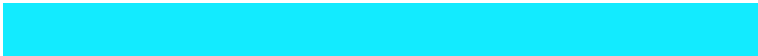


# Inverse Universe

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



30C5D3



12EBFF



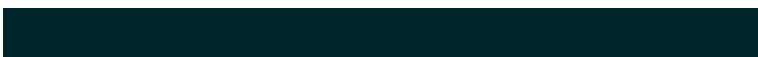
3074D3



5E6869



009AA8



002529



# Previews

## White Background



This preview shows how the Hex color D33E30 looks on a white background.

## Color Contrast Check

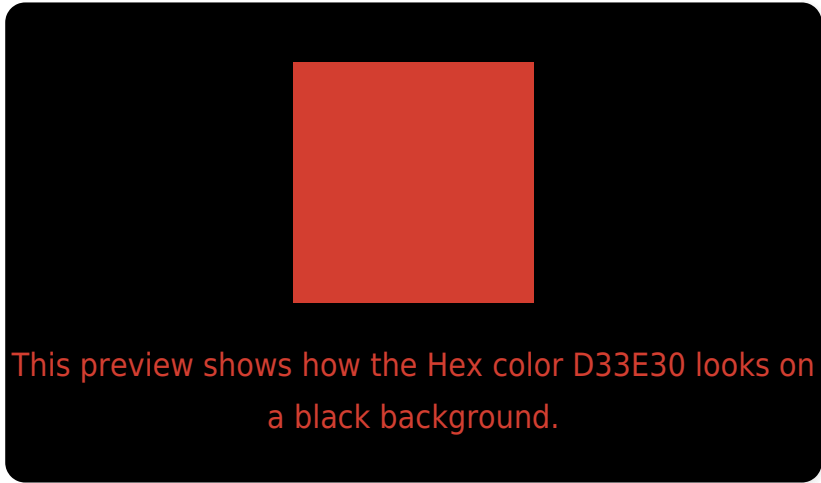
Large Text (above 18pt) WCAG AA ✓ Pass

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 D33E30 Background



This preview shows how black text looks on a background with the Hex color D33E30.



This preview shows how white text looks on a background with the Hex color D33E30.

# 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**  
D33E30

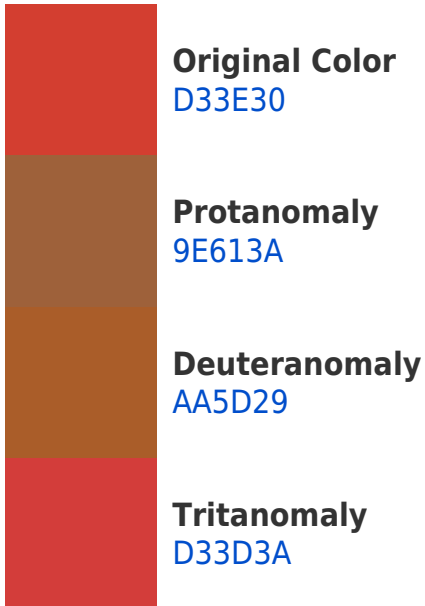
**Protanopia**  
807540

**Deuteranopia**  
926F25

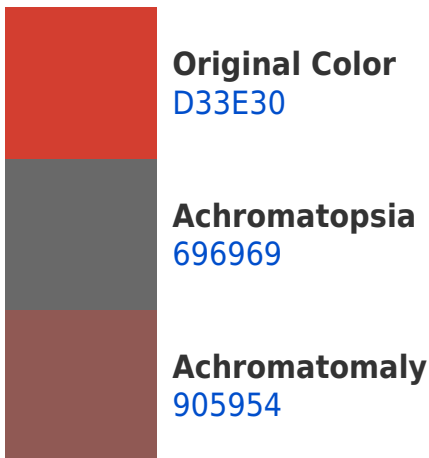


**Tritanopia**  
D33C3F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D33E30 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 #D33E30 looks like.

```
.text, #text, p{  
    color:#D33E30  
}
```

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 #D33E30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D33E30
}
```

## Border

The CSS property to change the border of an element to Hex D33E30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

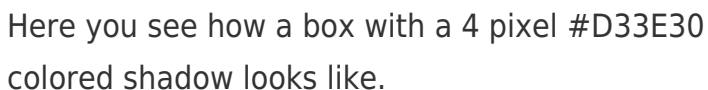
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D33E30 }
```

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

```
.border{ border-color:#D33E30 }
```

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



Here you see how a box with a 4 pixel #D33E30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D33E30; -webkit-box-shadow:4px 4px  
4px 4px #D33E30; box-shadow:4px 4px 4px  
4px #D33E30 }
```

# Background

The CSS property to change the background color of an element to Hex D33E30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D33E30 }
```

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

```
.background{ background-color:#D33E30 }
```

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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