

# Converting Colors

Hex(D33734)

Have a look what the booklet for  
Hex(D33734) contains.

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# Color

Hex(D33734)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D33734
RGB	211, 55, 52
RGB Percent	83%, 22%, 20%
CMY	0.1725, 0.7843, 0.7961
CMYK	0.00, 0.74, 0.75, 0.17
HSL	1°, 64%, 52%
HSV	1°, 75%, 83%
XYZ	28.8500, 16.8292, 4.9766
YIQ	101.3020, 93.9390, 32.1390

# Conversions

## Conversions Part 2

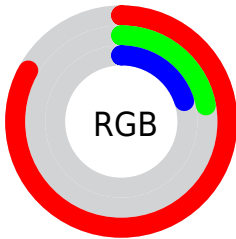
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">211, 55, 52</a>
Decimal	<a href="#">13842228</a>
CIELab	<a href="#">48.04, 59.97, 38.91</a>
CIElCh	<a href="#">48, 71.492, 32.977</a>
Yxy	<a href="#">16.8292, 0.5695, 0.3322</a>
Android (android.graphics.Color)	<a href="#">4292032308</a> ( <a href="#">0xFFD33734</a> )
YUV	<a href="#">101.3020, -24.3059, 96.2051</a>
Hunter-Lab	<a href="#">41.0234, 53.7404, 21.5238</a>

# Details

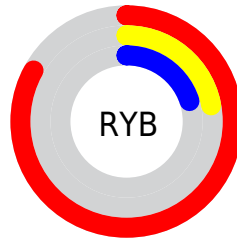
The Hex color **D33734** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **34D0D3**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF7163**, and **940008** is the 20% darker color. If you saturate the color by 10%, you get **D3221F**, and if you desaturate by 10%, it is **D34C49**.

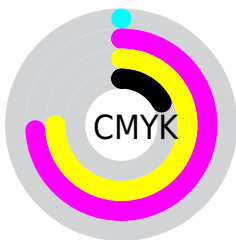
# Distribution



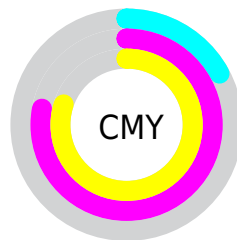
- Red (83%)
- Green (22%)
- Blue (20%)



- Red (83%)
- Yellow (22%)
- Blue (20%)



- Cyan (0%)
- Magenta (74%)
- Yellow (75%)
- Black (17%)



- Cyan (17%)
- Magenta (78%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D33734 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 D33734 by changing the saturation by 10% instead.



 D33734

 D33734

FFFFFF

 B3111E

 FF7163

 940008

 FF8D7C

 750000

 FFAA97

 570000

 FFC7B1

 3B0002

 FFE4CD

 130000

 FFFFEE

 000000

 D33734

 D33734

 D3221F

 D34C49

 D30E0A

 D3605E

 D30400

 D37573

 D38A88

 D39F9D

 D3B3B3

 D3C8C8

 D3DDDD

 D3F1F2

# Harmonies

## Analogous

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



D91F6F



D33734



B45900

# Triad

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



D33734



008837



0078EC

# Complementary

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



D33734



34D0D3

# 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.



0086DE



D33734



008C77

# Square

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



D33734



468100



008BB3



745FD9

# Rectangle

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



D33734



966B00



008BB3



007EEB



# Sweetspot

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



D33734



FFC5C4



D334D0



805C5C



000000



808080



# Same Dimension

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



D33734



FF1E19



D38634



695E5E



A80300



290100



# Inverse Universe

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



34D0D3



19FBFF



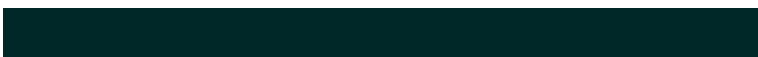
3481D3



5E6869



00A5A8



002829



# Previews

## White Background



This preview shows how the Hex color D33734 looks on a white background.

## Color Contrast Check

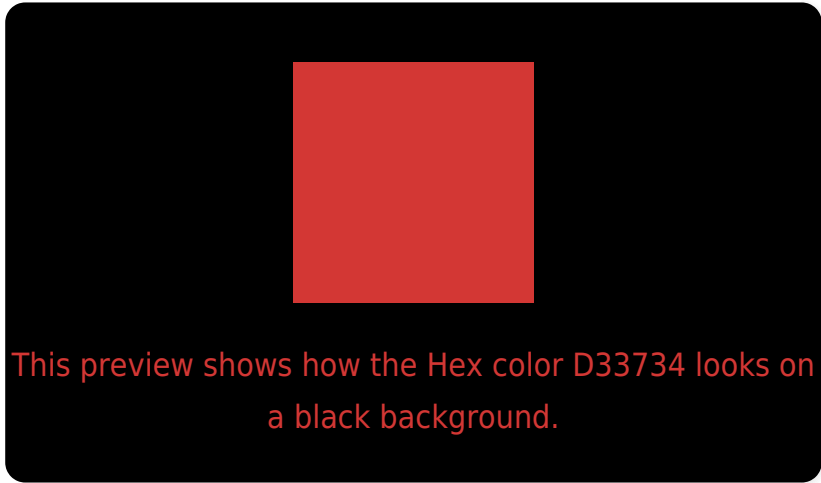
Large Text (above 18pt) WCAG AA ✓ Pass

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 D33734 Background



This preview shows how black text looks on a background with the Hex color D33734.



This preview shows how white text looks on a background with the Hex color D33734.

# 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](#).

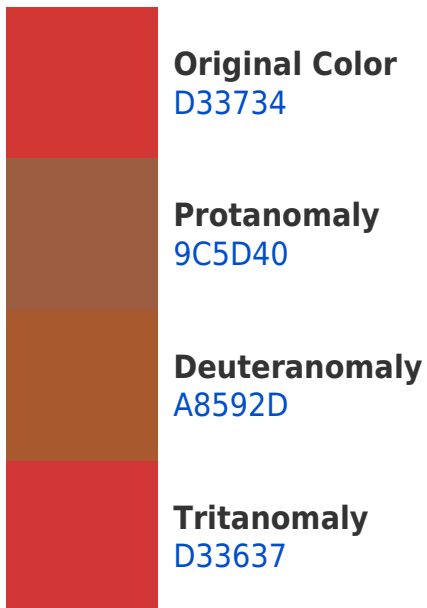
## Dichromacy



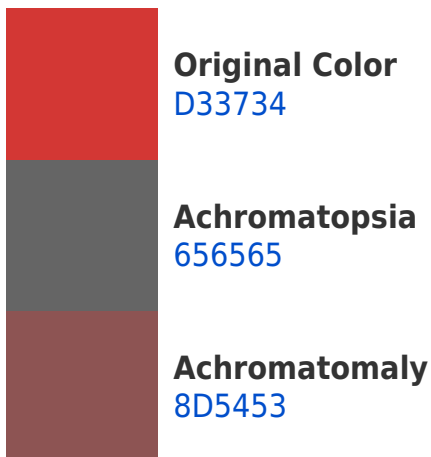


**Tritanopia**  
D33638

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D33734 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 #D33734 looks like.

```
.text, #text, p{  
    color:#D33734  
}
```

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 #D33734 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D33734
}
```

## Border

The CSS property to change the border of an element to Hex D33734 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
#D33734 }
```

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

```
.border{ border-color:#D33734 }
```

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

Here you see how a box with a 4 pixel #D33734 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D33734; -webkit-box-shadow:4px 4px  
4px 4px #D33734; box-shadow:4px 4px 4px  
4px #D33734 }
```

# Background

The CSS property to change the background color of an element to Hex D33734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D33734 }
```

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

```
.background{ background-color:#D33734 }
```

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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