

Converting Colors

Hex(D32C37)

Have a look what the booklet for
Hex(D32C37) contains.

Hex(D32C37)	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(D32C37)

Conversions

Conversions Part 1

Format	Color
Hex	D32C37
RGB	211, 44, 55
RGB Percent	83%, 17%, 22%
CMY	0.1725, 0.8275, 0.7843
CMYK	0.00, 0.79, 0.74, 0.17
HSL	356°, 65%, 50%
HSV	356°, 79%, 83%
XYZ	28.4542, 15.9261, 5.1888
YIQ	95.1870, 96.0010, 38.8250

Conversions

Conversions Part 2

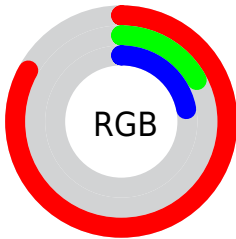
Format	Color
RYB	211, 44, 55
Decimal	13839415
CIELab	46.88, 63.46, 35.90
CIELCh	47, 72.910, 29.497
Yxy	15.9261, 0.5740, 0.3213
Android (android.graphics.Color)	4292029495 (0xFFD32C37)
YUV	95.1870, -19.8122, 101.5680
Hunter-Lab	39.9075, 57.4332, 20.2264

Details

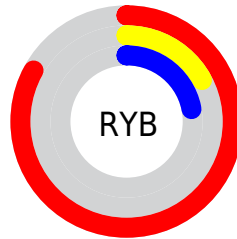
The Hex color **D32C37** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **2CD3C8**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6966**, and **94000D** is the 20% darker color. If you saturate the color by 10%, you get **D31723**, and if you desaturate by 10%, it is **D3414B**.

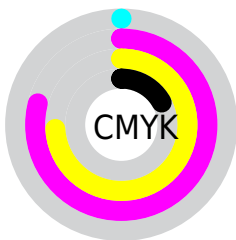
Distribution



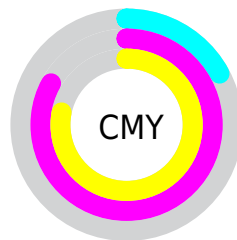
- Red (83%)
- Green (17%)
- Blue (22%)



- Red (83%)
- Yellow (17%)
- Blue (22%)



- Cyan (0%)
- Magenta (79%)
- Yellow (74%)
- Black (17%)



- Cyan (17%)
- Magenta (83%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color D32C37 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 D32C37 by changing the saturation by 10% instead.

 D32C37

 D32C37

FFFFFF

 B30021

 FF6966

 94000D

 FF867F

 750000

 FFA399

 560001

 FFC0B4

 390002

 FFDDDD

 110000

 FFFBEC

 000000

 D32C37

 D32C37

 D31723

 D3414B

 D30210

 D3565E

 D3000E

 D36B72

 D38086

 D3969A

 D3ABAD

 D3C0C1

 D3D5D5

 D3EAE8

Harmonies

Analogous

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



D61373



D32C37



B65200

Triad

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



D32C37



00852B



0078EB

Complementary

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



D32C37



2CD3C8

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.



0085D9



D32C37



00896C

Square

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



D32C37



4A7D00



0089AA



625FDB

Rectangle

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



D32C37



996500



0089AA



007DE9

Sweetspot

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



D32C37



FFC2C6



C82CD3



805B5D



000000



808080

Same Dimension

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



D32C37



FF0D1D



D3742C



695E5F



A8000B



290003

Inverse Universe

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



D32C37



FF0D1D



2C8BD3



695E5F



A8000B



290003

Previews

White Background



This preview shows how the Hex color D32C37 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 D32C37 Background



This preview shows how black text looks on a background with the Hex color D32C37.

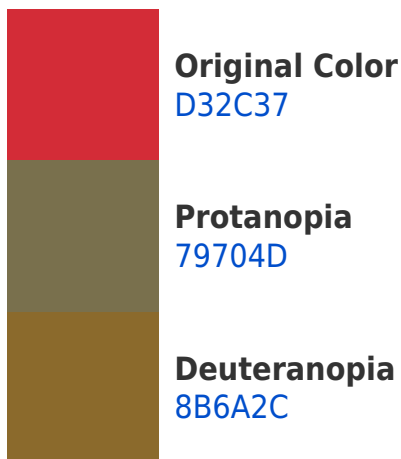


This preview shows how white text looks on a background with the Hex color D32C37.

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





Trichromacy



Original Color
D32C37

Protanomaly
9A5745

Deuteranomaly
A55330

Tritanomaly
D32D31

Monochromacy



Original Color
D32C37

Achromatopsia
5F5F5F

Achromatomaly
894C50

CSS Examples

Text

The CSS property to change the color of the text to Hex D32C37 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 #D32C37 looks like.

```
.text, #text, p{  
    color:#D32C37  
}
```

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 #D32C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D32C37
}
```

Border

The CSS property to change the border of an element to Hex D32C37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

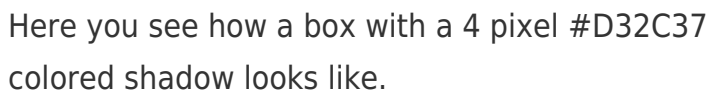
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D32C37 }
```

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

```
.border{ border-color:#D32C37 }
```

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



Here you see how a box with a 4 pixel `#D32C37` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D32C37; -webkit-box-shadow:4px 4px  
4px 4px #D32C37; box-shadow:4px 4px 4px  
4px #D32C37 }
```

Background

The CSS property to change the background color of an element to Hex D32C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D32C37 }
```

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

```
.background{ background-color:#D32C37 }
```

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