

Converting Colors

Hex(D34F2C)

Have a look what the booklet for
Hex(D34F2C) contains.

Hex(D34F2C)	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(D34F2C)

Conversions

Conversions Part 1

Format	Color
Hex	D34F2C
RGB	211, 79, 44
RGB Percent	83%, 31%, 17%
CMY	0.1725, 0.6902, 0.8275
CMYK	0.00, 0.63, 0.79, 0.17
HSL	13°, 65%, 50%
HSV	13°, 79%, 83%
XYZ	30.1146, 19.6227, 4.5832
YIQ	114.4780, 89.9070, 17.0990

Conversions

Conversions Part 2

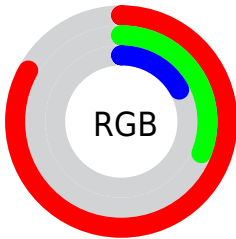
Format	Color
R_{YB}	211, 88, 44
Decimal	13848364
CIE Lab	51.41, 50.31, 46.65
CIE LCh	51, 68.612, 42.835
Yxy	19.6227, 0.5544, 0.3612
Android (android.graphics.Color)	4292038444 (0xFFD34F2C)
YUV	114.4780, -34.7457, 84.6498
Hunter-Lab	44.2975, 43.8282, 24.8739

Details

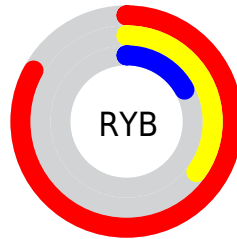
The Hex color **D34F2C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **2CB0D3**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF855C**, and **951300** is the 20% darker color. If you saturate the color by 10%, you get **D33E17**, and if you desaturate by 10%, it is **D36041**.

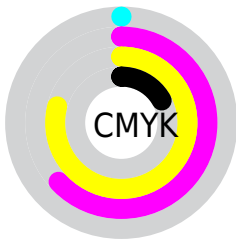
Distribution



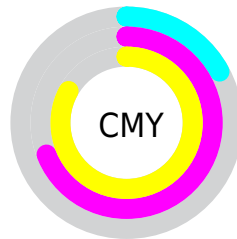
- Red (83%)
- Green (31%)
- Blue (17%)



- Red (83%)
- Yellow (35%)
- Blue (17%)



- Cyan (0%)
- Magenta (63%)
- Yellow (79%)
- Black (17%)



- Cyan (17%)
- Magenta (69%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color D34F2C 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 D34F2C by changing the saturation by 10% instead.

 D34F2C

 D34F2C

FFFFFF

 B43314

 FF855C

 951300

 FFA176

 760000

 FFBD90

 580000

 FFD9AB

 3D0002

 FFF7C6

 1A0001

 FFFFE2

 000000

 D34F2C

 D34F2C

 D33E17

 D36041

 D32E02

 D37056

 D32C00

 D3816B

 D39280

 D3A296

 D3B3AB

 D3C4C0

 D3D4D5

 D3E5EA

Harmonies

Analogous

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



E13664



D34F2C



AF6B00

Triad

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



D34F2C



009256



0079EE

Complementary

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



D34F2C



2CB0D3

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.



008BEB



D34F2C



009593

Square

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



D34F2C



368C15



0093CA



9B5ED1

Rectangle

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



D34F2C



8F7A00



0093CA



0080F1

Sweetspot

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



D34F2C



FFCFC2



D32CB2



80625B



000000



808080

Same Dimension

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



D34F2C



FF400D



D3A12C



69605E



A82300



290900

Inverse Universe

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



2CB0D3



0DCCFF



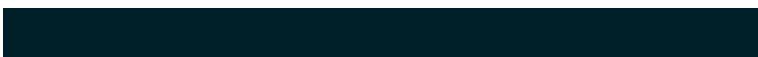
2C5ED3



5E6669



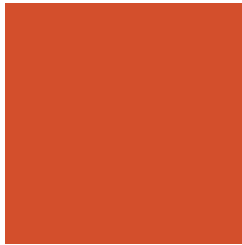
0085A8



002029

Previews

White Background



This preview shows how the Hex color D34F2C looks on a white background.

Color Contrast Check

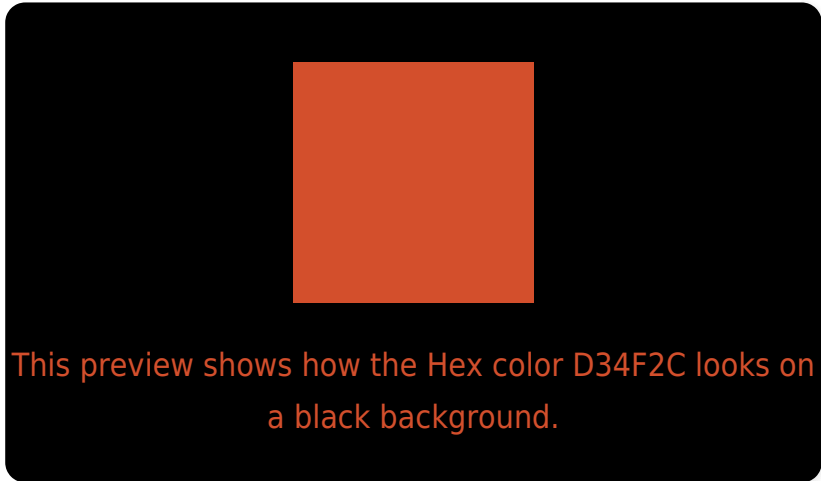
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 D34F2C Background



This preview shows how black text looks on a background with the Hex color D34F2C.



This preview shows how white text looks on a background with the Hex color D34F2C.

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
D44B4F

Trichromacy



Original Color
D34F2C

Protanomaly
A46B34

Deuteranomaly
AF6725

Tritanomaly
D44C42

Monochromacy



Original Color
D34F2C

Achromatopsia
727272

Achromatomaly
956559

CSS Examples

Text

The CSS property to change the color of the text to Hex D34F2C 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 #D34F2C looks like.

```
.text, #text, p{  
  color:#D34F2C  
}
```

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 #D34F2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D34F2C
}
```

Border

The CSS property to change the border of an element to Hex D34F2C 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".

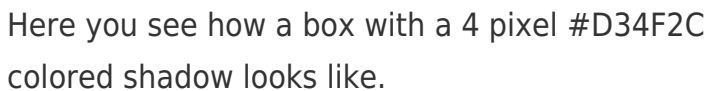
```
.border, #border, table{ border:4px solid
#D34F2C }
```

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

```
.border{ border-color:#D34F2C }
```

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

Here you see how a box with a 4 pixel #D34F2C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D34F2C; -webkit-box-shadow:4px 4px  
4px 4px #D34F2C; box-shadow:4px 4px 4px  
4px #D34F2C }
```

Background

The CSS property to change the background color of an element to Hex D34F2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D34F2C }
```

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

```
.background{ background-color:#D34F2C }
```

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