

# Converting Colors

Hex(C34D2B)

Have a look what the booklet for  
Hex(C34D2B) contains.

<b>Hex(C34D2B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C34D2B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C34D2B
RGB	195, 77, 43
RGB Percent	76%, 30%, 17%
CMY	0.2353, 0.6980, 0.8314
CMYK	0.00, 0.61, 0.78, 0.24
HSL	13°, 64%, 47%
HSV	13°, 78%, 76%
XYZ	25.5956, 17.0843, 4.2341
YIQ	108.4060, 81.2420, 14.4420

# Conversions

## Conversions Part 2

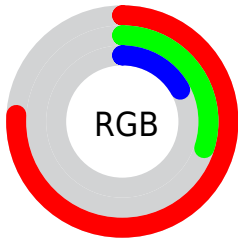
Format	Color
<a href="#">RYB</a>	<a href="#">195, 87, 43</a>
Decimal	<a href="#">12799275</a>
CIELab	<a href="#">48.37, 45.44, 43.22</a>
CIELCh	<a href="#">48, 62.713, 43.562</a>
Yxy	<a href="#">17.0843, 0.5456, 0.3642</a>
Android (android.graphics.Color)	<a href="#">4290989355 (0xFFC34D2B)</a>
YUV	<a href="#">108.4060, -32.2452, 75.9429</a>
Hunter-Lab	<a href="#">41.3331, 38.2034, 22.8597</a>

# Details

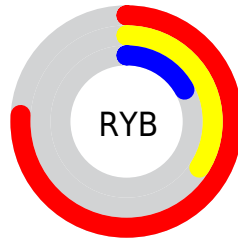
The Hex color **C34D2B** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **2BA1C3**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF825B**, and **861500** is the 20% darker color. If you saturate the color by 10%, you get **C33E18**, and if you desaturate by 10%, it is **C35C3F**.

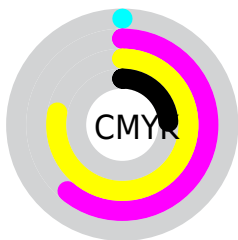
# Distribution



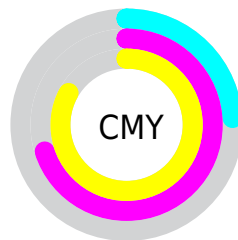
- Red (76%)
- Green (30%)
- Blue (17%)



- Red (76%)
- Yellow (34%)
- Blue (17%)



- Cyan (0%)
- Magenta (61%)
- Yellow (78%)
- Black (24%)



- Cyan (24%)
- Magenta (70%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C34D2B 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 C34D2B by changing the saturation by 10% instead.



 C34D2B

 C34D2B

FFFFFF

 A43214

 FF825B

 861500

 FF9D74

 680000

 FFB98E

 4B0000

 FFD5A9

 310002

 FFF2C4

 000000

 FFFFFE0

 FFFFFFFD

 C34D2B

 C34D2B

 C33E18

 C35C3F

 C32F04

 C36B52

 C32C00

 C37A66

 C38A79

 C3998D

 C3A8A0

 C3B7B4

 C3C6C7

 C3D5DB

# Harmonies

## Analogous

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



D0385D



C34D2B



A26600

# Triad

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



C34D2B



008953



1471DB

# Complementary

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



C34D2B



2BA1C3

# 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.



0081D9



C34D2B



008B8A

# Square

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



C34D2B



34831B



0089BB



9359C0

# Rectangle

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



C34D2B



857300



0089BB



0077DE



# Sweetspot

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



C34D2B



FCCFC2



C32BA2



80645C



000000



808080



# Same Dimension

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



C34D2B



FC440F



C3982B



615957



A12400



210700

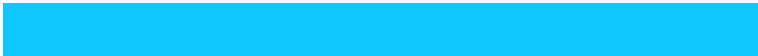


# Inverse Universe

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



2BA1C3



0FC7FC



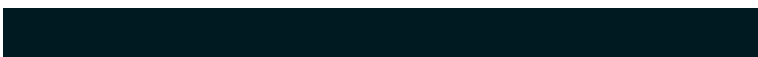
2B56C3



575F61



007DA1

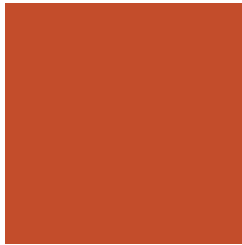


001A21



# Previews

## White Background



This preview shows how the Hex color C34D2B looks on a white background.

## Color Contrast Check

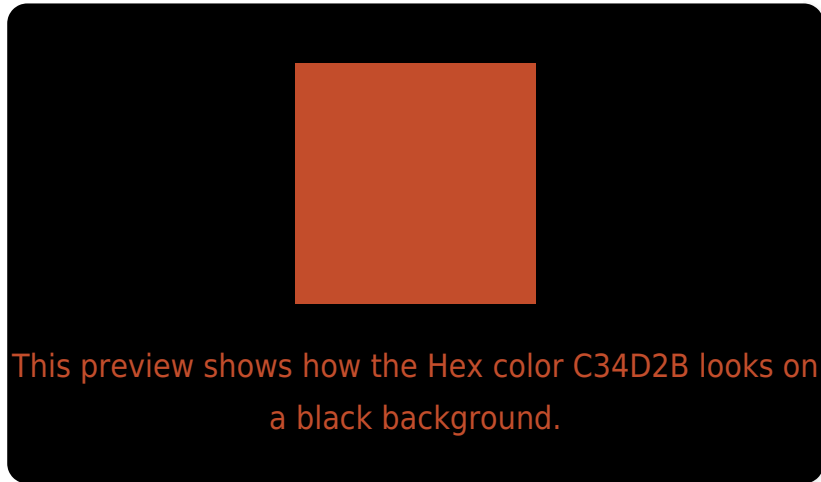
Large Text (above 18pt) WCAG AA ✓ Pass

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 C34D2B Background



This preview shows how black text looks on a background with the Hex color C34D2B.



This preview shows how white text looks on a background with the Hex color C34D2B.

# 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**  
C34D2B

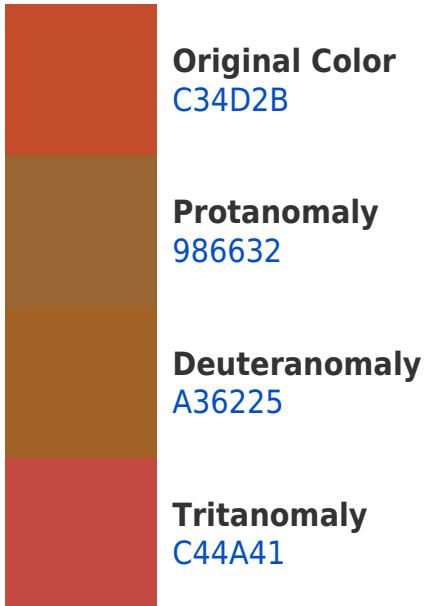
**Protanopia**  
807436

**Deuteranopia**  
916E22

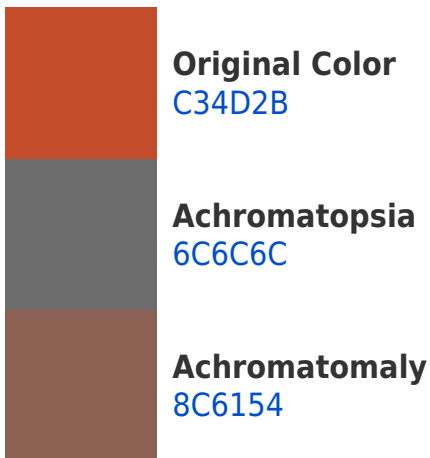


**Tritanopia**  
C4494D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C34D2B 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 #C34D2B looks like.

```
.text, #text, p{  
    color:#C34D2B  
}
```

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 #C34D2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C34D2B
}
```

## Border

The CSS property to change the border of an element to Hex C34D2B 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".

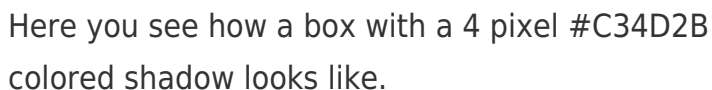
```
.border, #border, table{ border:4px solid
#C34D2B }
```

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

```
.border{ border-color:#C34D2B }
```

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

Here you see how a box with a 4 pixel #C34D2B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C34D2B; -webkit-box-shadow:4px 4px  
4px 4px #C34D2B; box-shadow:4px 4px 4px  
4px #C34D2B }
```

# Background

The CSS property to change the background color of an element to Hex C34D2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C34D2B }
```

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

```
.background{ background-color:#C34D2B }
```

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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