

Converting Colors

Hex(D34B30)

Have a look what the booklet for
Hex(D34B30) contains.

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Color

Hex(D34B30)

Conversions

Conversions Part 1

Format	Color
Hex	D34B30
RGB	211, 75, 48
RGB Percent	83%, 29%, 19%
CMY	0.1725, 0.7059, 0.8118
CMYK	0.00, 0.64, 0.77, 0.17
HSL	10°, 65%, 51%
HSV	10°, 77%, 83%
XYZ	29.9135, 19.0944, 4.9053
YIQ	112.5860, 89.7230, 20.4350

Conversions

Conversions Part 2

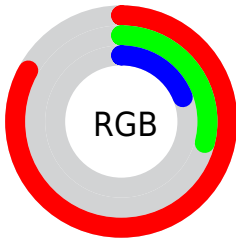
Format	Color
R _Y B	211, 80, 48
Decimal	13847344
CIE Lab	50.80, 52.18, 44.00
CIE LCh	51, 68.261, 40.138
Yxy	19.0944, 0.5548, 0.3542
Android (android.graphics.Color)	4292037424 (0xFFD34B30)
YUV	112.5860, -31.8409, 86.3091
Hunter-Lab	43.6972, 45.7247, 23.9324

Details

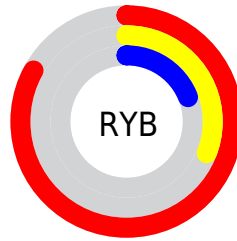
The Hex color **D34B30** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **30B8D3**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF8260**, and **950901** is the 20% darker color. If you saturate the color by 10%, you get **D3391B**, and if you desaturate by 10%, it is **D35D45**.

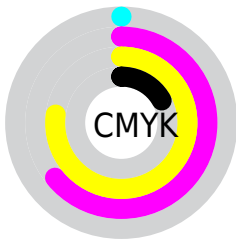
Distribution



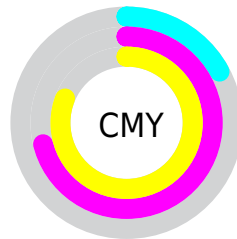
- Red (83%)
- Green (29%)
- Blue (19%)



- Red (83%)
- Yellow (31%)
- Blue (19%)



- Cyan (0%)
- Magenta (64%)
- Yellow (77%)
- Black (17%)



- Cyan (17%)
- Magenta (71%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color D34B30 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 D34B30 by changing the saturation by 10% instead.

 D34B30

 D34B30

FFFFFF

 B42F19

 FF8260

 950901

 FF9D79

 760000

 FFB993

 580000

 FFD6AE

 3D0002

 FFF3CA

 190001

 FFFFE6

 000000

 D34B30

 D34B30

 D3391B

 D35D45

 D32806

 D36E5A

 D32300

 D3806F

 D39184

 D3A39A

 D3B5AF

 D3C6C4

 D3D8D9

 D3E9EE

Harmonies

Analogous

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



DF3468



D34B30



B16800

Triad

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



D34B30



00904F



007AED

Complementary

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



D34B30



30B8D3

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.



008AE7



D34B30



00938C

Square

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



D34B30



3D8A0A



0091C3



925FD3

Rectangle

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



D34B30



927700



0091C3



0080EE

Sweetspot

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



D34B30



FFCEC4



D330BB



80625C



000000



808080

Same Dimension

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



D34B30



FF3912



D39A30



69605E



A81C00



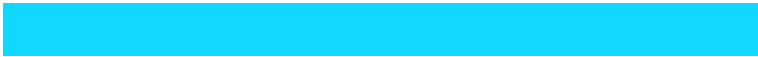
290700

Inverse Universe

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



30B8D3



12D8FF



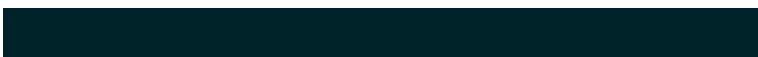
3069D3



5E6769



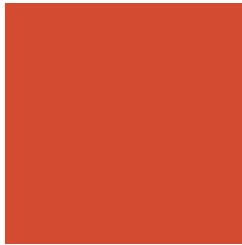
008CA8



002229

Previews

White Background



This preview shows how the Hex color D34B30 looks on a white background.

Color Contrast Check

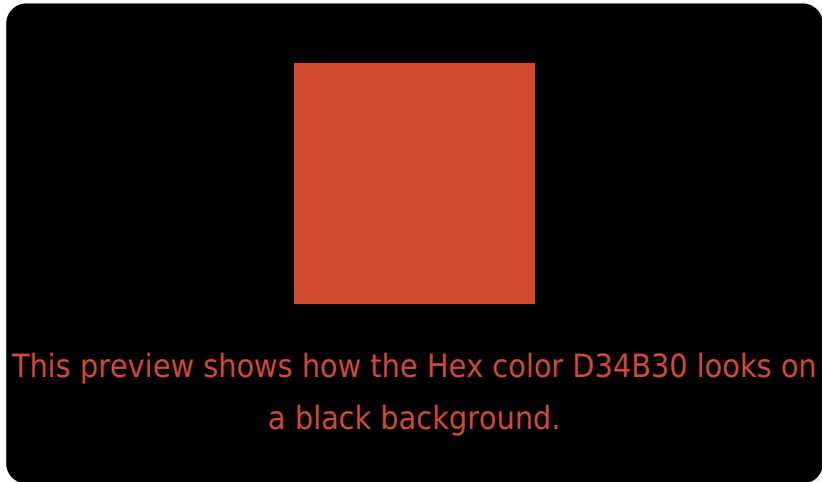
Large Text (above 18pt) WCAG AA ✓ Pass

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 D34B30 Background



This preview shows how black text looks on a background with the Hex color D34B30.



This preview shows how white text looks on a background with the Hex color D34B30.

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
D34B30

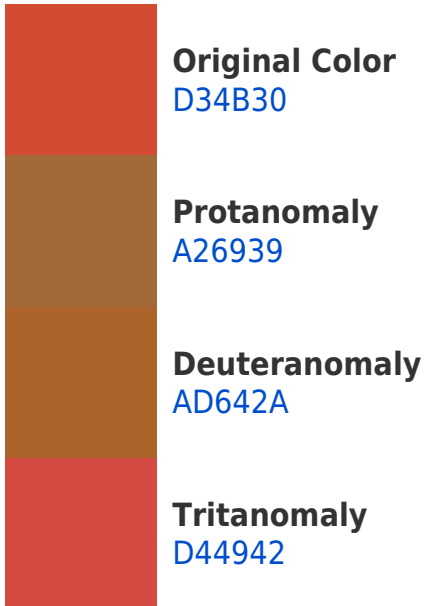
Protanopia
867A3E

Deuteranopia
987326

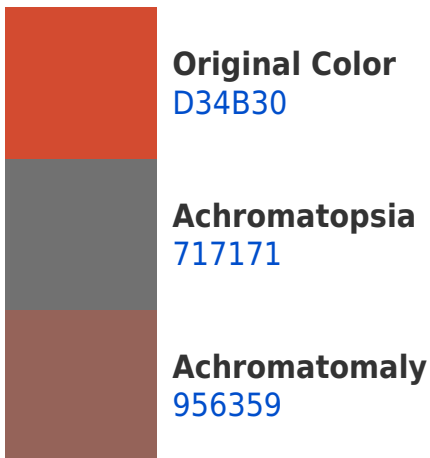


Tritanopia
D4484C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D34B30 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 #D34B30 looks like.

```
.text, #text, p{  
    color:#D34B30  
}
```

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 #D34B30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D34B30
}
```

Border

The CSS property to change the border of an element to Hex D34B30 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
#D34B30 }
```

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

```
.border{ border-color:#D34B30 }
```

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

Here you see how a box with a 4 pixel #D34B30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D34B30; -webkit-box-shadow:4px 4px  
4px 4px #D34B30; box-shadow:4px 4px 4px  
4px #D34B30 }
```

Background

The CSS property to change the background color of an element to Hex D34B30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D34B30 }
```

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

```
.background{ background-color:#D34B30 }
```

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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