

Converting Colors

Hex(D04C30)

Have a look what the booklet for
Hex(D04C30) contains.

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Color

Hex(D04C30)

Conversions

Conversions Part 1

Format	Color
Hex	D04C30
RGB	208, 76, 48
RGB Percent	82%, 30%, 19%
CMY	0.1843, 0.7020, 0.8118
CMYK	0.00, 0.63, 0.77, 0.18
HSL	10°, 63%, 50%
HSV	10°, 77%, 82%
XYZ	29.1304, 18.7922, 4.8882
YIQ	112.2760, 87.6600, 19.2760

Conversions

Conversions Part 2

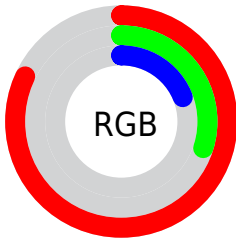
Format	Color
R _Y B	208, 82, 48
Decimal	13650992
CIE Lab	50.44, 50.72, 43.48
CIE LCh	50, 66.801, 40.603
Yxy	18.7922, 0.5516, 0.3558
Android (android.graphics.Color)	4291841072 (0xFFD04C30)
YUV	112.2760, -31.6881, 83.9499
Hunter-Lab	43.3499, 44.0863, 23.6593

Details

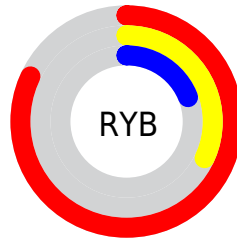
The Hex color **D04C30** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **30B4D0**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF8260**, and **920E01** is the 20% darker color. If you saturate the color by 10%, you get **D03B1B**, and if you desaturate by 10%, it is **D05D45**.

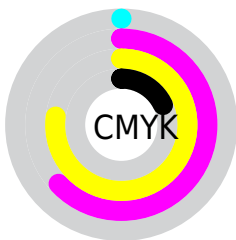
Distribution



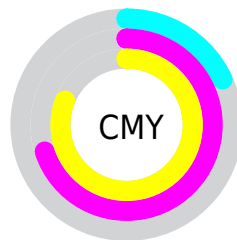
- Red (82%)
- Green (30%)
- Blue (19%)



- Red (82%)
- Yellow (32%)
- Blue (19%)



- Cyan (0%)
- Magenta (63%)
- Yellow (77%)
- Black (18%)



- Cyan (18%)
- Magenta (70%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color D04C30 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 D04C30 by changing the saturation by 10% instead.

 D04C30

 D04C30

FFFFFF

 B13019

 FF8260

 920E01

 FF9E79

 740000

 FFBA93

 550000

 FFD6AE

 3B0002

 FFF4CA

 150000

 FFFFE6

 000000

 D04C30

 D04C30

 D03B1B

 D05D45

 D02A06

 D06E5A

 D02400

 D07F6E

 D09183

 D0A298

 D0B3AD

 D0C4C2

 D0D5D6

 D0E6EB

Harmonies

Analogous

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



DC3666



D04C30



AE6700

Triad

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



D04C30



008F50



0078E9

Complementary

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



D04C30



30B4D0

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.



0089E4



D04C30



00918B

Square

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



D04C30



3D8910



0090C1



925FCF

Rectangle

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



D04C30



907600



0090C1



007FEB

Sweetspot

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



D04C30



FFCFC4



D030B5



80625C



000000



808080

Same Dimension

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



D04C30



FF3D14



D09B30



69605E



A81D00



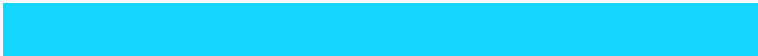
290700

Inverse Universe

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



30B4D0



14D6FF



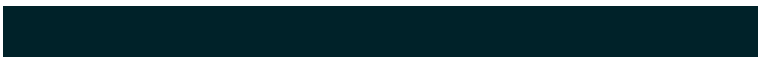
3065D0



5E6769



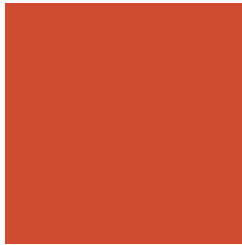
008BA8



002229

Previews

White Background



This preview shows how the Hex color D04C30 looks on a white background.

Color Contrast Check

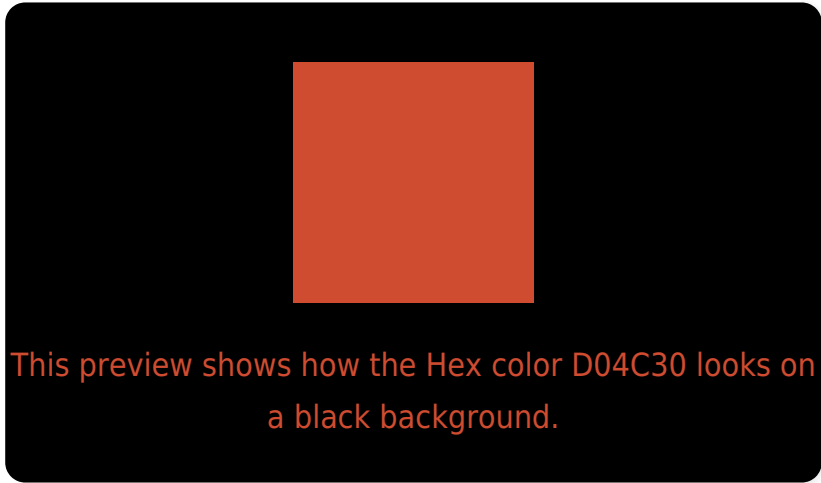
Large Text (above 18pt) WCAG AA ✓ Pass

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 D04C30 Background



This preview shows how black text looks on a background with the Hex color D04C30.



This preview shows how white text looks on a background with the Hex color D04C30.

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
D04C30

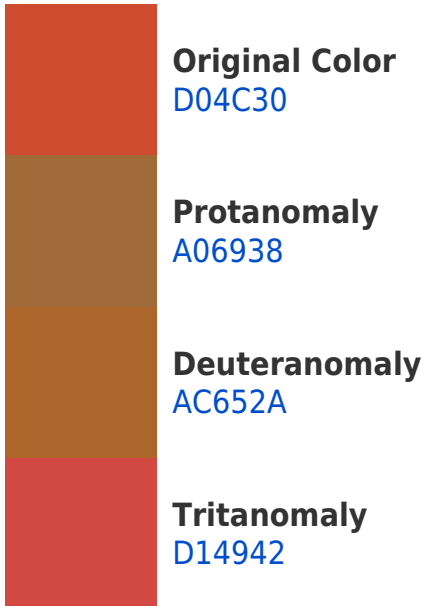
Protanopia
85793D

Deuteranopia
977326



Tritanopia
D1484D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D04C30 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 #D04C30 looks like.

```
.text, #text, p{  
    color:#D04C30  
}
```

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 #D04C30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D04C30
}
```

Border

The CSS property to change the border of an element to Hex D04C30 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
#D04C30 }
```

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

```
.border{ border-color:#D04C30 }
```

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

Here you see how a box with a 4 pixel #D04C30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D04C30; -webkit-box-shadow:4px 4px  
4px 4px #D04C30; box-shadow:4px 4px 4px  
4px #D04C30 }
```

Background

The CSS property to change the background color of an element to Hex D04C30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D04C30 }
```

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

```
.background{ background-color:#D04C30 }
```

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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