

Converting Colors

Hex(D06C36)

Have a look what the booklet for
Hex(D06C36) contains.

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Color

Hex(D06C36)

Conversions

Conversions Part 1

Format	Color
Hex	D06C36
RGB	208, 108, 54
RGB Percent	82%, 42%, 21%
CMY	0.1843, 0.5765, 0.7882
CMYK	0.00, 0.48, 0.74, 0.18
HSL	21°, 62%, 51%
HSV	21°, 74%, 82%
XYZ	32.0408, 24.4014, 6.5112
YIQ	131.7440, 76.9340, 4.4060

Conversions

Conversions Part 2

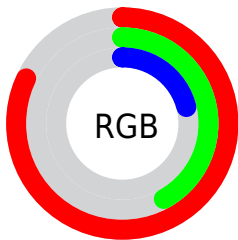
Format	Color
R_{YB}	208, 137, 54
Decimal	13659190
CIE Lab	56.49, 35.54, 46.77
CIE LCh	56, 58.738, 52.770
Yxy	24.4014, 0.5090, 0.3876
Android (android.graphics.Color)	4291849270 (0xFFD06C36)
YUV	131.7440, -38.3278, 66.8765
Hunter-Lab	49.3977, 29.3344, 26.7633

Details

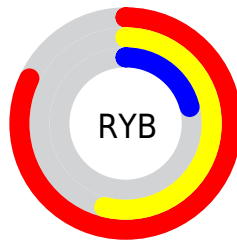
The Hex color **D06C36** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **369AD0**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FFA168**, and **933A02** is the 20% darker color. If you saturate the color by 10%, you get **D05E21**, and if you desaturate by 10%, it is **D07A4B**.

Distribution



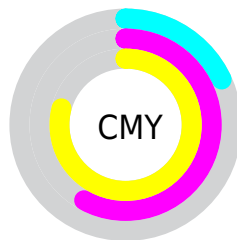
- Red (82%)
- Green (42%)
- Blue (21%)



- Red (82%)
- Yellow (54%)
- Blue (21%)



- Cyan (0%)
- Magenta (48%)
- Yellow (74%)
- Black (18%)



- Cyan (18%)
- Magenta (58%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color D06C36 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 D06C36 by changing the saturation by 10% instead.

 D06C36

 D06C36

FFFFFF

 B2531E

 FFA168

 933A02

 FFBC81

 762100

 FFD89C

 590400

 FFF5B7

 3D0000

 FFFF00

 220001

 FFFFF0

 000000

 D06C36

 D06C36

 D05E21

 D07A4B

 D0510C

 D08760

 D04900

 D09574

 D0A289

 D0B09E

 D0BDB3

 D0CBC8

 D0D8DC

 D0E6F1

Harmonies

Analogous

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



E35963



D06C36



AC8114

Triad

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



D06C36



009F79



707FE6

Complementary

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



D06C36



369AD0

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.



0091ED



D06C36



009FAE

Square

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



D06C36



379A46



009BD8



B968C6

Rectangle

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



D06C36



8D8C12



009BD8



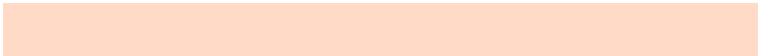
4786EC

Sweetspot

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



D06C36



FFDBC7



D0369A



806A5E



000000



808080

Same Dimension

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



D06C36



FF6C1C



D0B936



69625E



A83B00



290E00

Inverse Universe

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



369AD0



1CAFFF



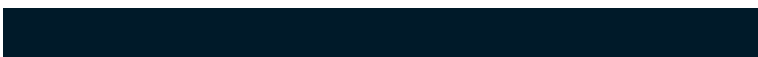
364DD0



5E6569



006DA8



001A29

Previews

White Background



This preview shows how the Hex color D06C36 looks on a white background.

Color Contrast Check

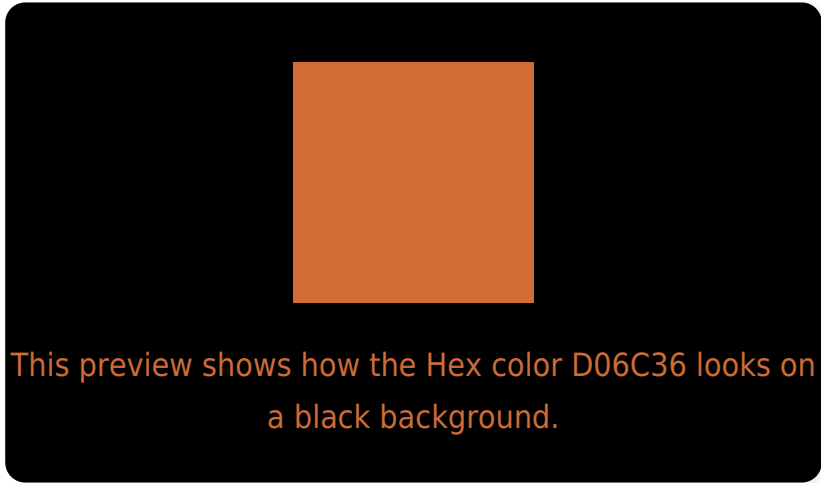
Large Text (above 18pt) WCAG AA ✓ Pass

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 D06C36 Background



This preview shows how black text looks on a background with the Hex color D06C36.



This preview shows how white text looks on a background with the Hex color D06C36.

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
D06C36

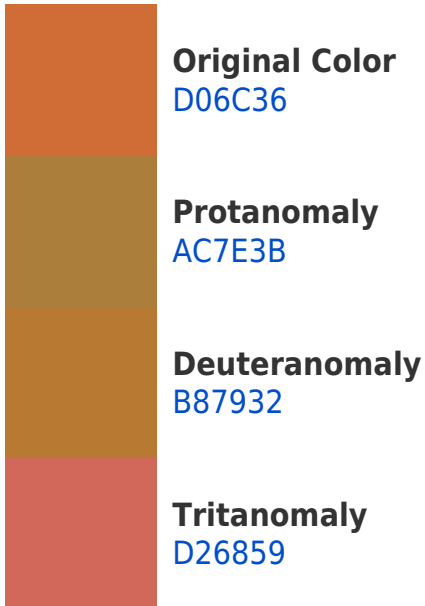
Protanopia
97883E

Deuteranopia
AA8130

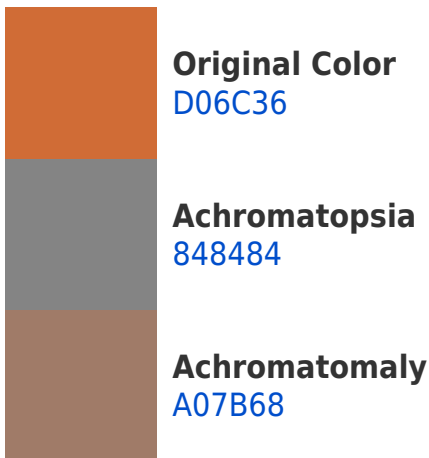


Tritanopia
D3666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D06C36 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 #D06C36 looks like.

```
.text, #text, p{  
    color:#D06C36  
}
```

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 #D06C36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D06C36
}
```

Border

The CSS property to change the border of an element to Hex D06C36 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
#D06C36 }
```

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

```
.border{ border-color:#D06C36 }
```

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

Here you see how a box with a 4 pixel #D06C36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D06C36; -webkit-box-shadow:4px 4px  
4px 4px #D06C36; box-shadow:4px 4px 4px  
4px #D06C36 }
```

Background

The CSS property to change the background color of an element to Hex D06C36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D06C36 }
```

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

```
.background{ background-color:#D06C36 }
```

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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