

Converting Colors

Hex(D06D46)

Have a look what the booklet for
Hex(D06D46) contains.

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Color

Hex(D06D46)

Conversions

Conversions Part 1

Format	Color
Hex	D06D46
RGB	208, 109, 70
RGB Percent	82%, 43%, 27%
CMY	0.1843, 0.5725, 0.7255
CMYK	0.00, 0.48, 0.66, 0.18
HSL	17°, 59%, 55%
HSV	17°, 66%, 82%
XYZ	32.5866, 24.7894, 8.8617
YIQ	134.1550, 71.5230, 8.8590

Conversions

Conversions Part 2

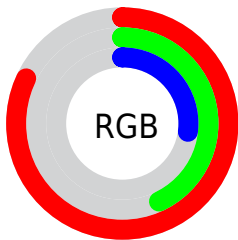
Format	Color
R _{YB}	208, 124, 70
Decimal	13659462
CIE Lab	56.87, 35.85, 38.96
CIE LCh	57, 52.951, 47.380
Yxy	24.7894, 0.4920, 0.3742
Android (android.graphics.Color)	4291849542 (0xFFD06D46)
YUV	134.1550, -31.6284, 64.7621
Hunter-Lab	49.7889, 29.6966, 24.2995

Details

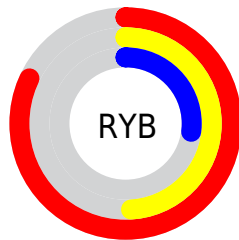
The Hex color **D06D46** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **46A9D0**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FFA278**, and **943B18** is the 20% darker color. If you saturate the color by 10%, you get **D05E31**, and if you desaturate by 10%, it is **D07C5B**.

Distribution



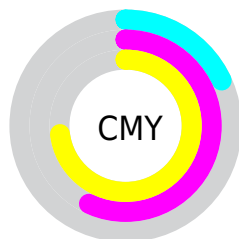
- Red (82%)
- Green (43%)
- Blue (27%)



- Red (82%)
- Yellow (49%)
- Blue (27%)



- Cyan (0%)
- Magenta (48%)
- Yellow (66%)
- Black (18%)



- Cyan (18%)
- Magenta (57%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D06D46 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 D06D46 by changing the saturation by 10% instead.

 D06D46

 D06D46

FFFFFF

 B2542F

 FFA278

 943B18

 FFBE92

 772200

 FFDAAC

 5A0500

 FFF7C8

 3E0000

 FFFFE4

 240001

 000000

 D06D46

 D06D46

 D05E31

 D07C5B

 D04F1C

 D08B70

 D04008

 D09A84

 D03B00

 D0A999

 D0B8AE

 D0C7C3

 D0D5D8

 D0E4EC

 D0F3FF

Harmonies

Analogous

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



DD5F70



D06D46



B27F29

Triad

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



D06D46



009E73



6684E1

Complementary

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



D06D46



46A9D0

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.



0093E2



D06D46



009FA3

Square

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



D06D46



519847



009CCB



AD71C7

Rectangle

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



D06D46



978A24



009CCB



3F8AE4

Sweetspot

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



D06D46



FFDACC



D046AB



806A61



000000



808080

Same Dimension

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



D06D46



FF6D33



D0B046



69615E



A83000



290C00

Inverse Universe

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



46A9D0



33C5FF



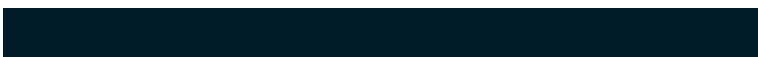
4666D0



5E6669



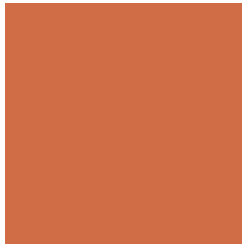
0079A8



001D29

Previews

White Background



This preview shows how the Hex color D06D46 looks on a white background.

Color Contrast Check

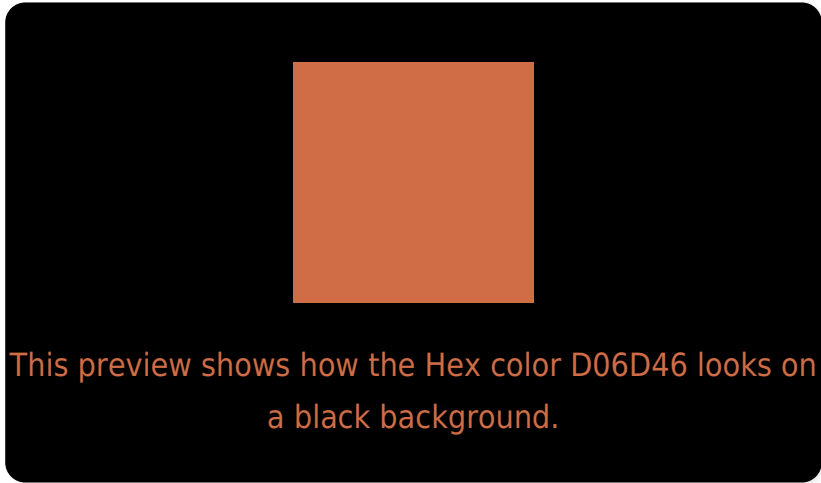
Large Text (above 18pt) WCAG AA ✓ Pass

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 D06D46 Background



This preview shows how black text looks on a background with the Hex color D06D46.



This preview shows how white text looks on a background with the Hex color D06D46.

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
D06D46

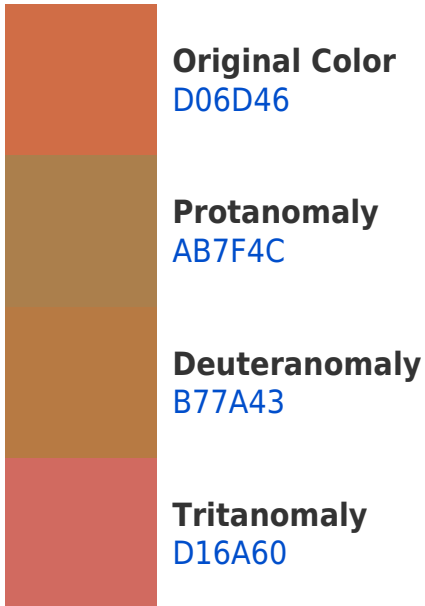
Protanopia
968950

Deuteranopia
A98241

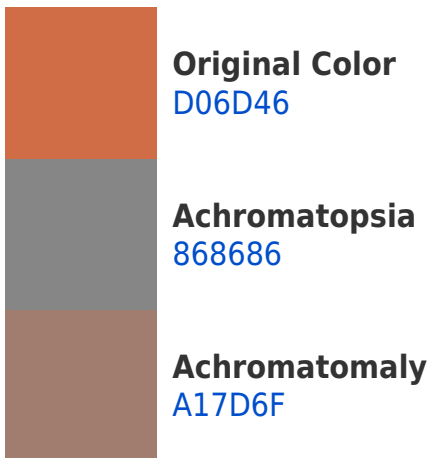


Tritanopia
D2686F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D06D46 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 #D06D46 looks like.

```
.text, #text, p{  
    color:#D06D46  
}
```

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 #D06D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D06D46
}
```

Border

The CSS property to change the border of an element to Hex D06D46 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
#D06D46 }
```

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

```
.border{ border-color:#D06D46 }
```

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

Here you see how a box with a 4 pixel #D06D46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D06D46; -webkit-box-shadow:4px 4px  
4px 4px #D06D46; box-shadow:4px 4px 4px  
4px #D06D46 }
```

Background

The CSS property to change the background color of an element to Hex D06D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D06D46 }
```

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

```
.background{ background-color:#D06D46 }
```

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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