

Converting Colors

Hex(D06842)

Have a look what the booklet for
Hex(D06842) contains.

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Color

Hex(D06842)

Conversions

Conversions Part 1

Format	Color
Hex	D06842
RGB	208, 104, 66
RGB Percent	82%, 41%, 26%
CMY	0.1843, 0.5922, 0.7412
CMYK	0.00, 0.50, 0.68, 0.18
HSL	16°, 60%, 54%
HSV	16°, 68%, 82%
XYZ	31.9461, 23.7039, 8.0458
YIQ	130.7640, 74.1820, 10.2300

Conversions

Conversions Part 2

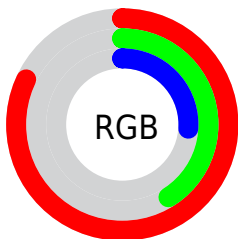
Format	Color
R_{YB}	208, 118, 66
Decimal	13658178
CIE _{Lab}	55.79, 38.20, 39.85
CIE _{LCh}	56, 55.202, 46.211
Yxy	23.7039, 0.5015, 0.3721
Android (android.graphics.Color)	4291848258 (0xFFD06842)
YUV	130.7640, -31.9287, 67.7360
Hunter-Lab	48.6866, 31.9226, 24.2825

Details

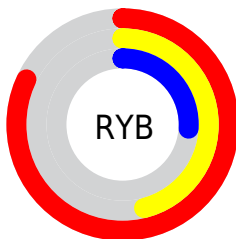
The Hex color **D06842** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **42AAD0**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF9D73**, and **943514** is the 20% darker color. If you saturate the color by 10%, you get **D0592D**, and if you desaturate by 10%, it is **D07757**.

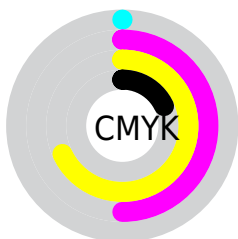
Distribution



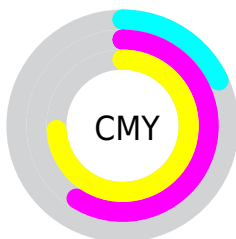
- Red (82%)
- Green (41%)
- Blue (26%)



- Red (82%)
- Yellow (46%)
- Blue (26%)



- Cyan (0%)
- Magenta (50%)
- Yellow (68%)
- Black (18%)



- Cyan (18%)
- Magenta (59%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color D06842 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 D06842 by changing the saturation by 10% instead.

 D06842

 D06842

FFFFFF

 B24E2B

 FF9D73

 943514

 FFB88D

 771B00

 FFD5A8

 590000

 FFF1C3

 3D0000

 FFFFDF

 220001

 FFFFFC

 000000

 D06842

 D06842

 D0592D

 D07757

 D04A18

 D0866C

 D03A04

 D09680

 D03800

 D0A595

 D0B4AA

 D0C3BF

 D0D3D4

 D0E2E8

 D0F1FD

Harmonies

Analogous

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



DD596E



D06842



B17B21

Triad

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



D06842



009B6D



5B82E2

Complementary

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



D06842



42AAD0

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.



0091E3



D06842



009D9F

Square

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



D06842



4E963F



009ACA



A96EC9

Rectangle

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



D06842



95871A



009ACA



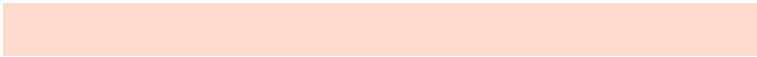
2988E5

Sweetspot

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



D06842



FFDACC



D042AA



806961



000000



808080

Same Dimension

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



D06842



FF662E



D0AF42



69615E



A82D00



290B00

Inverse Universe

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



42AAD0



2EC7FF



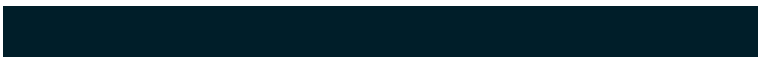
4263D0



5E6669



007BA8



001E29

Previews

White Background



This preview shows how the Hex color D06842 looks on a white background.

Color Contrast Check

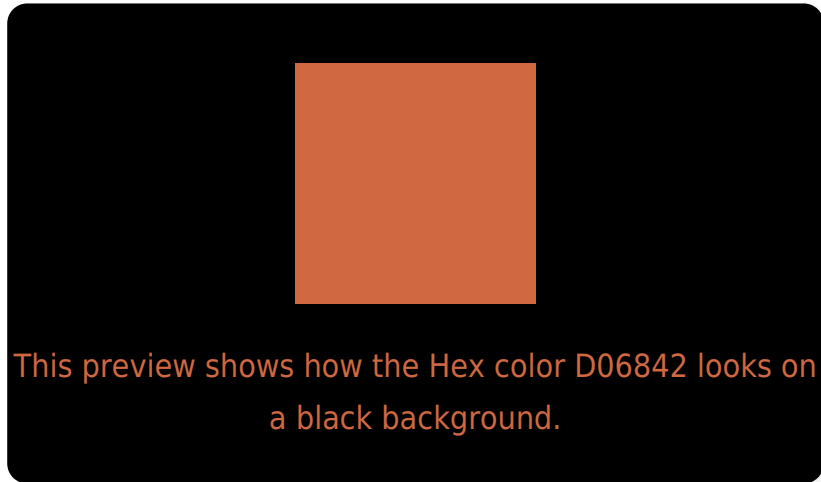
Large Text (above 18pt) WCAG AA ✓ Pass

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 D06842 Background



This preview shows how black text looks on a background with the Hex color D06842.



This preview shows how white text looks on a background with the Hex color D06842.

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
D06842

Protanopia
93864C

Deuteranopia
A6803D



Tritanopia
D2636A

Trichromacy



Original Color
D06842

Protanomaly
A97B48

Deuteranomaly
B5773F

Tritanomaly
D1655B

Monochromacy



Original Color
D06842

Achromatopsia
838383

Achromatomaly
9F796B

CSS Examples

Text

The CSS property to change the color of the text to Hex D06842 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 #D06842 looks like.

```
.text, #text, p{  
    color:#D06842  
}
```

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 #D06842 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D06842
}
```

Border

The CSS property to change the border of an element to Hex D06842 is called "border". The border property can be set on classes, ids or directly on the HTML element.

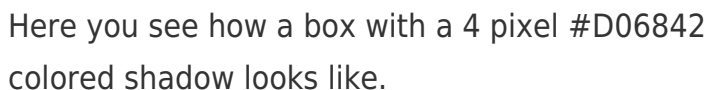
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D06842 }
```

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

```
.border{ border-color:#D06842 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #D06842 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D06842; -webkit-box-shadow:4px 4px  
4px 4px #D06842; box-shadow:4px 4px 4px  
4px #D06842 }
```

Background

The CSS property to change the background color of an element to Hex D06842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D06842 }
```

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

```
.background{ background-color:#D06842 }
```

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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