

Converting Colors

Hex(D06E40)

Have a look what the booklet for
Hex(D06E40) contains.

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Color

Hex(D06E40)

Conversions

Conversions Part 1

Format	Color
Hex	D06E40
RGB	208, 110, 64
RGB Percent	82%, 43%, 25%
CMY	0.1843, 0.5686, 0.7490
CMYK	0.00, 0.47, 0.69, 0.18
HSL	19°, 61%, 53%
HSV	19°, 69%, 82%
XYZ	32.5138, 24.9319, 7.9492
YIQ	134.0580, 73.1740, 6.4700

Conversions

Conversions Part 2

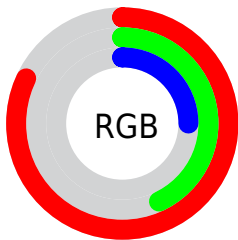
Format	Color
RYB	208, 132, 64
Decimal	13659712
CIELab	57.01, 34.99, 42.29
CIElCh	57, 54.889, 50.393
Yxy	24.9319, 0.4972, 0.3813
Android (android.graphics.Color)	4291849792 (0xFFD06E40)
YUV	134.0580, -34.5386, 64.8471
Hunter-Lab	49.9319, 28.8517, 25.5133

Details

The Hex color **D06E40** 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 **40A2D0**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FFA372**, and **943C10** is the 20% darker color. If you saturate the color by 10%, you get **D0602B**, and if you desaturate by 10%, it is **D07C55**.

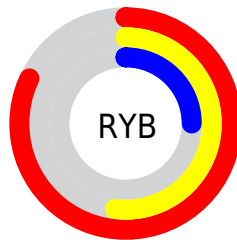
Distribution



Red (82%)

Green (43%)

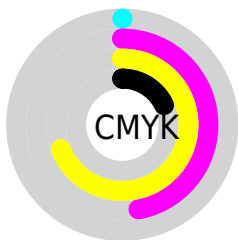
Blue (25%)



Red (82%)

Yellow (52%)

Blue (25%)

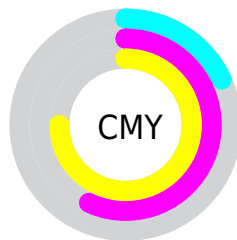


Cyan (0%)

Magenta (47%)

Yellow (69%)

Black (18%)



Cyan (18%)

Magenta (57%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color D06E40 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 D06E40 by changing the saturation by 10% instead.

 D06E40

 D06E40

FFFFFF

 B25528

 FFA372

 943C10

 FFBE8B

 772300

 FFDBA6

 5A0700

 FFF7C2

 3E0000

 FFFFDE

 240001

 FFFFFB

 000000

 D06E40

 D06E40

 D0602B

 D07C55

 D05216

 D08A6A

 D04402

 D0987E

 D04200

 D0A793

 D0B5A8

 D0C3BD

 D0D1D2

 D0DFE6

 D0EDFB

Harmonies

Analogous

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



E05E6A



D06E40



AF8123

Triad

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



D06E40



009F77



6E83E3

Complementary

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



D06E40



40A2D0

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.



0093E7



D06E40



00A0A9

Square

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



D06E40



479A48



009CD2



B46EC6

Rectangle

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



D06E40



928C20



009CD2



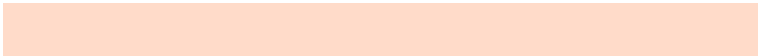
4889E7

Sweetspot

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



D06E40



FFDBC9



D040A2



806A60



000000



808080

Same Dimension

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



D06E40



FF6F2B



D0B640



69615E



A83600



290D00

Inverse Universe

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



40A2D0



2BBBFF



405AD0



5E6569



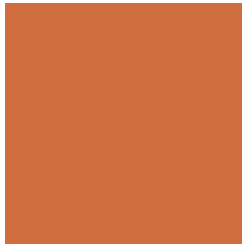
0073A8



001C29

Previews

White Background



This preview shows how the Hex color D06E40 looks on a white background.

Color Contrast Check

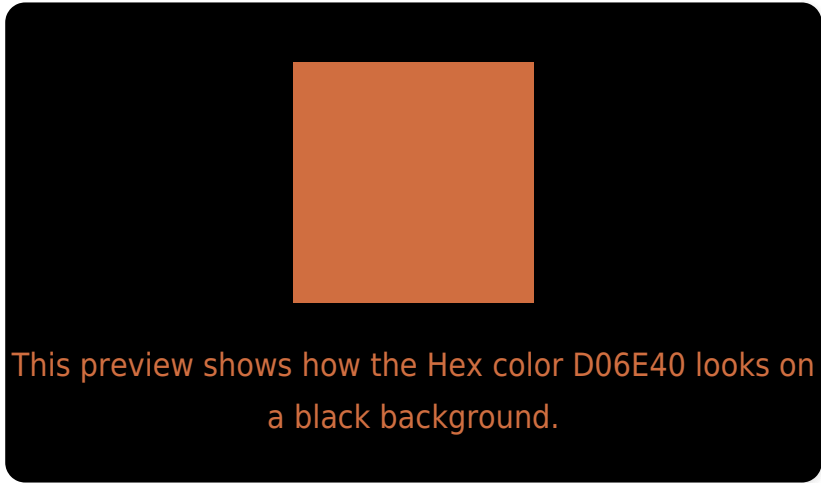
Large Text (above 18pt) WCAG AA ✓ Pass

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 D06E40 Background



This preview shows how black text looks on a background with the Hex color D06E40.



This preview shows how white text looks on a background with the Hex color D06E40.

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
D06E40

Protanopia
978949

Deuteranopia
AA833B



Tritanopia
D36870

Trichromacy



Original Color
D06E40

Protanomaly
AC7F46

Deuteranomaly
B87B3D

Tritanomaly
D26A5F

Monochromacy



Original Color
D06E40

Achromatopsia
868686

Achromatomaly
A17D6D

CSS Examples

Text

The CSS property to change the color of the text to Hex D06E40 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 #D06E40 looks like.

```
.text, #text, p{  
    color:#D06E40  
}
```

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 #D06E40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D06E40  
}
```

Border

The CSS property to change the border of an element to Hex D06E40 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  
#D06E40 }
```

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

```
.border{ border-color:#D06E40 }
```

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

Here you see how a box with a 4 pixel #D06E40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D06E40; -webkit-box-shadow:4px 4px  
4px 4px #D06E40; box-shadow:4px 4px 4px  
4px #D06E40 }
```

Background

The CSS property to change the background color of an element to Hex D06E40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D06E40 }
```

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

```
.background{ background-color:#D06E40 }
```

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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