

Converting Colors

Hex(D06833)

Have a look what the booklet for
Hex(D06833) contains.

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Color

Hex(D06833)

Conversions

Conversions Part 1

Format	Color
Hex	D06833
RGB	208, 104, 51
RGB Percent	82%, 41%, 20%
CMY	0.1843, 0.5922, 0.8000
CMYK	0.00, 0.50, 0.75, 0.18
HSL	20°, 63%, 51%
HSV	20°, 75%, 82%
XYZ	31.5603, 23.5495, 6.0141
YIQ	129.0540, 78.9970, 5.5650

Conversions

Conversions Part 2

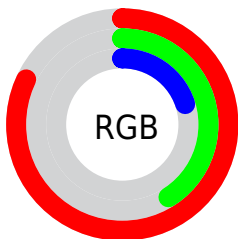
Format	Color
R_{YB}	208, 131, 51
Decimal	13658163
CIE _{Lab}	55.63, 37.47, 47.34
CIE _{LCh}	56, 60.373, 51.640
Yxy	23.5495, 0.5163, 0.3853
Android (android.graphics.Color)	4291848243 (0xFFD06833)
YUV	129.0540, -38.4806, 69.2356
Hunter-Lab	48.5279, 31.1644, 26.6217

Details

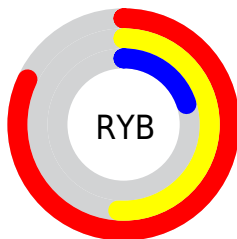
The Hex color **D06833** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **339BD0**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF9D64**, and **933600** is the 20% darker color. If you saturate the color by 10%, you get **D05A1E**, and if you desaturate by 10%, it is **D07648**.

Distribution



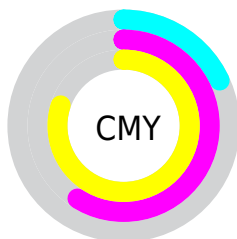
- Red (82%)
- Green (41%)
- Blue (20%)



- Red (82%)
- Yellow (51%)
- Blue (20%)



- Cyan (0%)
- Magenta (50%)
- Yellow (75%)
- Black (18%)



- Cyan (18%)
- Magenta (59%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color D06833 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 D06833 by changing the saturation by 10% instead.

 D06833

 D06833

FFFFFF

 B14F1A

 FF9D64

 933600

 FFB87E

 761C00

 FFD499

 580000

 FFF1B4

 3C0000

 FFFF00

 200001

 FFFFEC

 000000

 D06833

 D06833

 D05A1E

 D07648

 D04C09

 D0845D

 D04600

 D09171

 D09F86

 D0AD9B

 D0BBB0

 D0C8C5

 D0D6D9

 D0E4EE

Harmonies

Analogous

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



E35462



D06833



AB7E09

Triad

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



D06833



009D74



687EE7

Complementary

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



D06833



339BD0

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.



0090ED



D06833



009EAA

Square

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



D06833



359840



009AD7



B666C7

Rectangle

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



D06833



8C8905



009AD7



3884EC

Sweetspot

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



D06833



FFD8C4



D0339C



80685C



000000



808080

Same Dimension

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



D06833



FF6517



D0B633



69625E



A83900



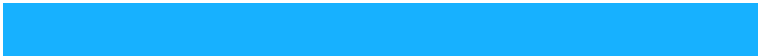
290E00

Inverse Universe

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



339BD0



17B1FF



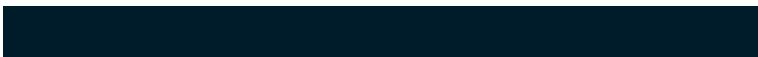
334DD0



5E6569



006FA8



001B29

Previews

White Background



This preview shows how the Hex color D06833 looks on a white background.

Color Contrast Check

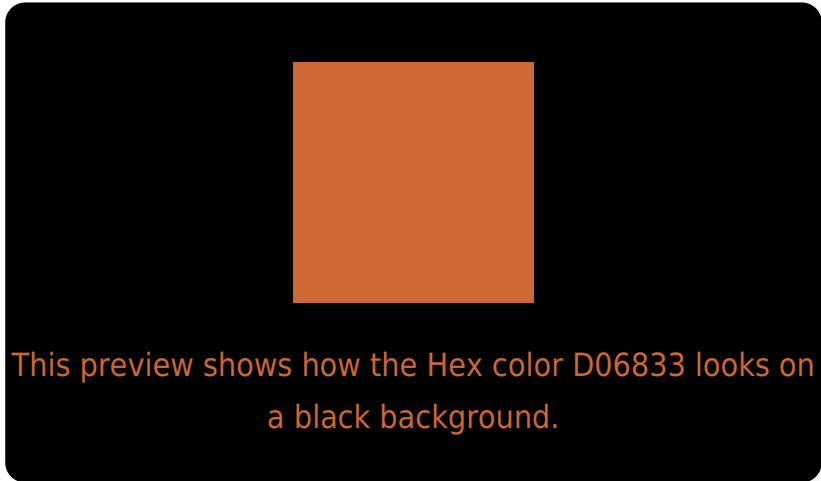
Large Text (above 18pt) WCAG AA ✓ Pass

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 D06833 Background



This preview shows how black text looks on a background with the Hex color D06833.



This preview shows how white text looks on a background with the Hex color D06833.

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





Tritanopia
D36269

Trichromacy



Original Color
D06833

Protanomaly
AA7B39

Deuteranomaly
B6772F

Tritanomaly
D26455

Monochromacy



Original Color
D06833

Achromatopsia
818181

Achromatomaly
9E7865

CSS Examples

Text

The CSS property to change the color of the text to Hex D06833 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 #D06833 looks like.

```
.text, #text, p{  
    color:#D06833  
}
```

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 #D06833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D06833
}
```

Border

The CSS property to change the border of an element to Hex D06833 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
#D06833 }
```

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

```
.border{ border-color:#D06833 }
```

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

Here you see how a box with a 4 pixel #D06833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D06833; -webkit-box-shadow:4px 4px  
4px 4px #D06833; box-shadow:4px 4px 4px  
4px #D06833 }
```

Background

The CSS property to change the background color of an element to Hex D06833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D06833 }
```

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

```
.background{ background-color:#D06833 }
```

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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