

Converting Colors

Hex(D06855)

Have a look what the booklet for
Hex(D06855) contains.

Hex(D06855)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D06855)

Conversions

Conversions Part 1

Format	Color
Hex	D06855
RGB	208, 104, 85
RGB Percent	82%, 41%, 33%
CMY	0.1843, 0.5922, 0.6667
CMYK	0.00, 0.50, 0.59, 0.18
HSL	9°, 57%, 57%
HSV	9°, 59%, 82%
XYZ	32.6024, 23.9664, 11.5020
YIQ	132.9300, 68.0830, 16.1390

Conversions

Conversions Part 2

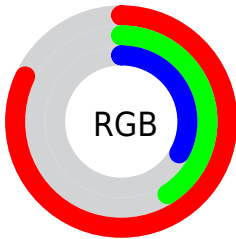
Format	Color
RYB	208, 107, 85
Decimal	13658197
CIELab	56.05, 39.43, 29.69
CIELCh	56, 49.354, 36.979
Yxy	23.9664, 0.4789, 0.3521
Android (android.graphics.Color)	4291848277 (0xFFD06855)
YUV	132.9300, -23.6295, 65.8364
Hunter-Lab	48.9555, 33.2019, 20.3388

Details

The Hex color **D06855** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **55BDD0**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF9D87**, and **953527** is the 20% darker color. If you saturate the color by 10%, you get **D05640**, and if you desaturate by 10%, it is **D07A6A**.

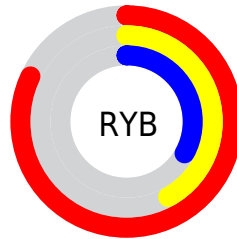
Distribution



Red (82%)

Green (41%)

Blue (33%)



Red (82%)

Yellow (42%)

Blue (33%)

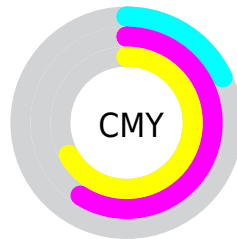


Cyan (0%)

Magenta (50%)

Yellow (59%)

Black (18%)



Cyan (18%)

Magenta (59%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color D06855 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 D06855 by changing the saturation by 10% instead.

 D06855

 D06855

FFFFFF

 B24E3E

 FF9D87

 953527

 FFB9A1

 781A12

 FFD5BC

 5B0000

 FFF2D8

 3F0000

 FFFFF5

 240001

 000000

 D06855

 D06855

 D05640

 D07A6A

 D0452B

 D08B7F

 D03317

 D09D93

 D02202

 D0AEA8

 D02000

 D0C0BD

 D0D2D2

 D0E3E7

 D0F5FB

 D0FFFF

Harmonies

Analogous

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



D5607E



D06855



B97836

Triad

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



D06855



1D9963



4688DC

Complementary

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



D06855



55BDD0

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.



0094D5



D06855



009C8F

Square

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



D06855



67933E



009AB9



9677CB

Rectangle

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



D06855



A2832C



009AB9



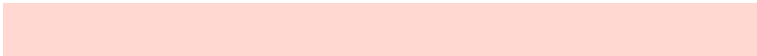
008CDC

Sweetspot

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



D06855



FFD8D1



D055BE



806863



000000



808080

Same Dimension

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



D06855



FF664A



D0A555



69605E



A81A00



290600

Inverse Universe

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



55BDD0



4AE3FF



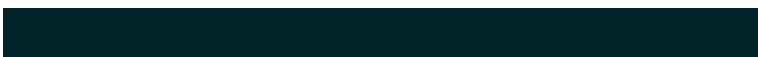
5580D0



5E6769



008EA8



002229

Previews

White Background



This preview shows how the Hex color D06855 looks on a white background.

Color Contrast Check

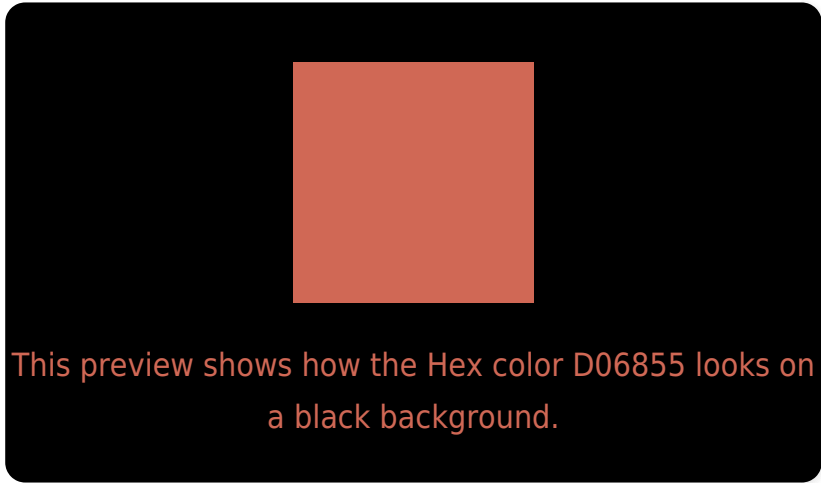
Large Text (above 18pt) WCAG AA ✓ Pass

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 D06855 Background



This preview shows how black text looks on a background with the Hex color D06855.

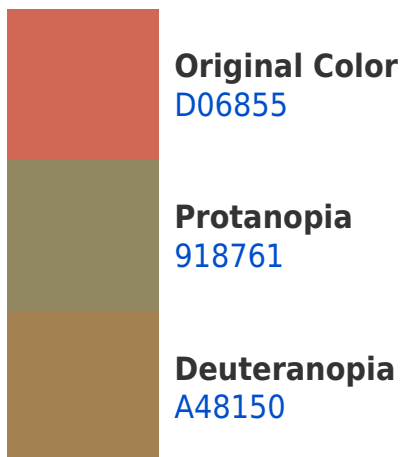



This preview shows how white text looks on a background with the Hex color D06855.

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
D1656C

Trichromacy



Original Color
D06855

Protanomaly
A87C5D

Deuteranomaly
B47852

Tritanomaly
D16664

Monochromacy



Original Color
D06855

Achromatopsia
858585

Achromatomaly
A07A74

CSS Examples

Text

The CSS property to change the color of the text to Hex D06855 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 #D06855 looks like.

```
.text, #text, p{  
    color:#D06855  
}
```

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 #D06855 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D06855 }  
}
```

Border

The CSS property to change the border of an element to Hex D06855 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 #D06855 }  
}
```

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

```
.border{ border-color:#D06855 }
```

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

Here you see how a box with a 4 pixel #D06855 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D06855; -webkit-box-shadow:4px 4px  
4px 4px #D06855; box-shadow:4px 4px 4px  
4px #D06855 }
```

Background

The CSS property to change the background color of an element to Hex D06855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D06855 }
```

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

```
.background{ background-color:#D06855 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor