

Converting Colors

Hex(D56C46)

Have a look what the booklet for
Hex(D56C46) contains.

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Color

Hex(D56C46)

Conversions

Conversions Part 1

Format	Color
Hex	D56C46
RGB	213, 108, 70
RGB Percent	84%, 42%, 27%
CMY	0.1647, 0.5765, 0.7255
CMYK	0.00, 0.49, 0.67, 0.16
HSL	16°, 63%, 55%
HSV	16°, 67%, 84%
XYZ	33.9086, 25.3135, 8.8932
YIQ	135.0630, 74.7780, 10.4420

Conversions

Conversions Part 2

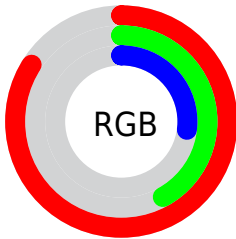
Format	Color
R_{YB}	213, 122, 70
Decimal	13986886
CIE _{Lab}	57.38, 38.33, 39.74
CIE _{LCh}	57, 55.211, 46.038
Yxy	25.3135, 0.4978, 0.3716
Android (android.graphics.Color)	4292176966 (0xFFD56C46)
YUV	135.0630, -32.0761, 68.3507
Hunter-Lab	50.3125, 32.2551, 24.7387

Details

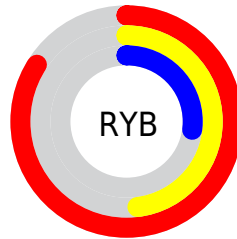
The Hex color **D56C46** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **46AFD5**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FFA178**, and **993918** is the 20% darker color. If you saturate the color by 10%, you get **D55C31**, and if you desaturate by 10%, it is **D57C5B**.

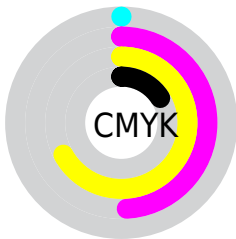
Distribution



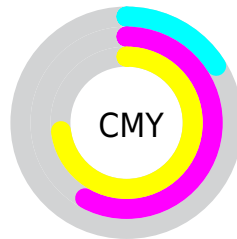
- Red (84%)
- Green (42%)
- Blue (27%)



- Red (84%)
- Yellow (48%)
- Blue (27%)



- Cyan (0%)
- Magenta (49%)
- Yellow (67%)
- Black (16%)



- Cyan (16%)
- Magenta (58%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D56C46 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 D56C46 by changing the saturation by 10% instead.

 D56C46

 D56C46

FFFFFF

 B7522F

 FFA178

 993918

 FFBD92

 7B1F00

 FFD9AC

 5E0000

 FFF6C8

 420000

 FFFFE4

 280001

 000000

 D56C46

 D56C46

 D55C31

 D57C5B

 D54D1B

 D58B71

 D53D06

 D59B86

 D53900

 D5AB9B

 D5BAB1

 D5CAC6

 D5D9DB

 D5E9F0

 D5F9FF

Harmonies

Analogous

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



E25E72



D56C46



B67F26

Triad

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



D56C46



00A071



6086E7

Complementary

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



D56C46



46AFD5

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.



0096E7



D56C46



00A1A3

Square

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



D56C46



539A43



009ECE



AD72CD

Rectangle

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



D56C46



9A8B1F



009ECE



308CEA

Sweetspot

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



D56C46



FFDACC



D546B1



806961



000000



808080

Same Dimension

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



D56C46



FF6730



D5B146



6B6360



AB2D00



2B0C00

Inverse Universe

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



46AFD5



30C8FF



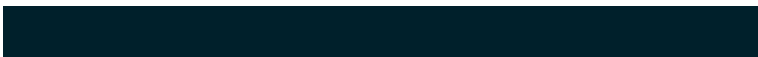
466AD5



60686B



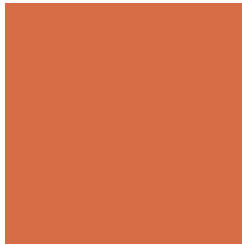
007DAB



00202B

Previews

White Background



This preview shows how the Hex color D56C46 looks on a white background.

Color Contrast Check

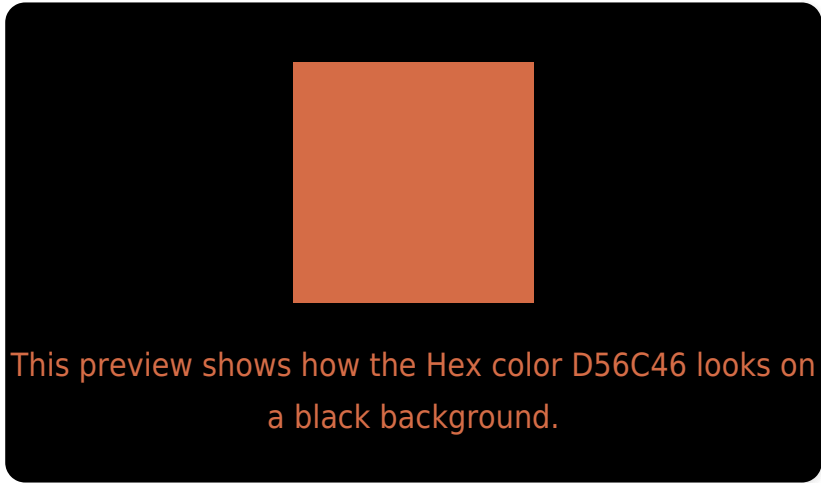
Large Text (above 18pt) WCAG AA ✓ Pass

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

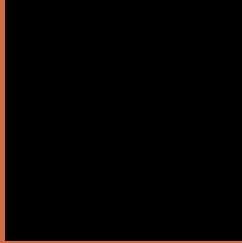
Any Text WCAG AA ✓ Pass

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 D56C46 Background



This preview shows how black text looks on a background with the Hex color D56C46.



This preview shows how white text looks on a background with the Hex color D56C46.

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
D7676E

Trichromacy



Original Color
D56C46

Protanomaly
AE7F4C

Deuteranomaly
BA7B43

Tritanomaly
D6695F

Monochromacy



Original Color
D56C46

Achromatopsia
878787

Achromatomaly
A37D6F

CSS Examples

Text

The CSS property to change the color of the text to Hex D56C46 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 #D56C46 looks like.

```
.text, #text, p{  
    color:#D56C46  
}
```

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 #D56C46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D56C46
}
```

Border

The CSS property to change the border of an element to Hex D56C46 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
#D56C46 }
```

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

```
.border{ border-color:#D56C46 }
```

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

Here you see how a box with a 4 pixel #D56C46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D56C46; -webkit-box-shadow:4px 4px  
4px 4px #D56C46; box-shadow:4px 4px 4px  
4px #D56C46 }
```

Background

The CSS property to change the background color of an element to Hex D56C46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D56C46 }
```

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

```
.background{ background-color:#D56C46 }
```

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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