

# Converting Colors

Hex(D56D5D)

Have a look what the booklet for  
Hex(D56D5D) contains.

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**Color**

**Hex(D56D5D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D56D5D
RGB	213, 109, 93
RGB Percent	84%, 43%, 36%
CMY	0.1647, 0.5725, 0.6353
CMYK	0.00, 0.49, 0.56, 0.16
HSL	8°, 59%, 60%
HSV	8°, 56%, 84%
XYZ	34.8850, 25.8737, 13.5114
YIQ	138.2720, 67.1200, 17.0720

# Conversions

## Conversions Part 2

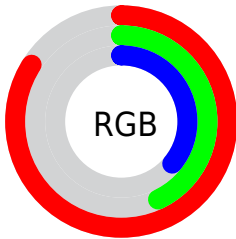
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 111, 93
Decimal	13987165
CIE <sub>Lab</sub>	57.92, 39.38, 27.69
CIE <sub>LCh</sub>	58, 48.140, 35.108
Yxy	25.8737, 0.4697, 0.3484
Android (android.graphics.Color)	4292177245 (0xFFD56D5D)
YUV	138.2720, -22.3191, 65.5365
Hunter-Lab	50.8662, 33.4027, 19.8574

# Details

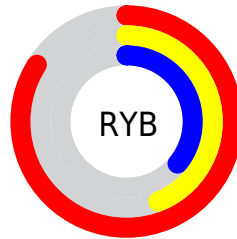
The Hex color **D56D5D** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **5DC5D5**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFA290**, and **9A3A2F** is the 20% darker color. If you saturate the color by 10%, you get **D55B48**, and if you desaturate by 10%, it is **D57F72**.

# Distribution



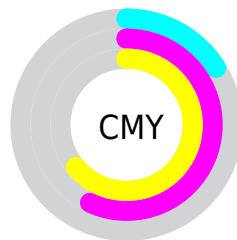
- Red (84%)
- Green (43%)
- Blue (36%)



- Red (84%)
- Yellow (44%)
- Blue (36%)



- Cyan (0%)
- Magenta (49%)
- Yellow (56%)
- Black (16%)



- Cyan (16%)
- Magenta (57%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D56D5D 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 D56D5D by changing the saturation by 10% instead.



 D56D5D

 D56D5D

FFFFFF

 B75345

 FFA290

 9A3A2F

 FFBEAA

 7D2019

 FFDAC5

 600000

 FFF7E1

 440000

FFFFFFE

 2B0001

 000000

 D56D5D

 D56D5D

 D55B48

 D57F72

 D54832

 D59288

 D5361D

 D5A49D

 D52308

 D5B7B2

 D51C00

 D5C9C8

 D5DCDD

 D5EEF2

 D5FFFF

# Harmonies

## Analogous

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



D86686



D56D5D



BF7C3E

# Triad

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



D56D5D



319D66



488DDF

# Complementary

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



D56D5D



5DC5D5

# 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.



0099D7



D56D5D



00A091

# Square

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



D56D5D



709743



009FBA



977DD0

# Rectangle

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



D56D5D



A98733



009FBA



0892DF



# Sweetspot

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



D56D5D



FFD9D4



D55DC5



806966



000000



808080



# Same Dimension

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



D56D5D



FF6952



D5A95D



6B6260



AB1700



2B0600



# Inverse Universe

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



5DC5D5



52E8FF



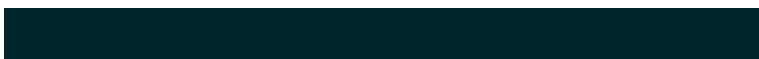
5D89D5



606A6B



0094AB

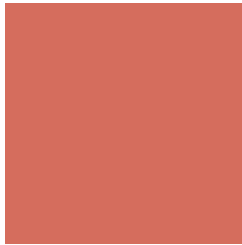


00262B



# Previews

## White Background



This preview shows how the Hex color D56D5D looks on a white background.

## Color Contrast Check

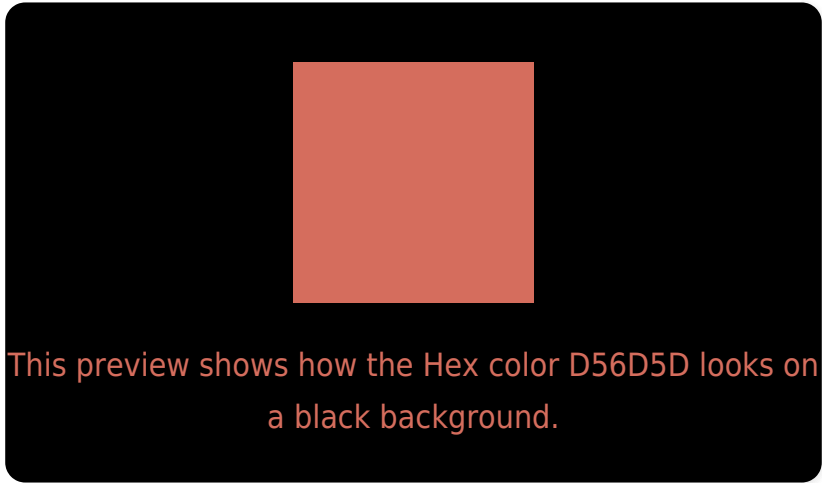
Large Text (above 18pt) WCAG AA ✓ Pass

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 D56D5D Background



This preview shows how black text looks on a background with the Hex color D56D5D.



This preview shows how white text looks on a background with the Hex color D56D5D.

# 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**  
D66A72

# Trichromacy



**Original Color**  
D56D5D

**Protanomaly**  
AC8065

**Deuteranomaly**  
B87C5A

**Tritanomaly**  
D66B6A

# Monochromacy



**Original Color**  
D56D5D

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
A57F7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D56D5D 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 #D56D5D looks like.

```
.text, #text, p{  
    color:#D56D5D  
}
```

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 #D56D5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D56D5D
}
```

## Border

The CSS property to change the border of an element to Hex D56D5D 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
#D56D5D }
```

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

```
.border{ border-color:#D56D5D }
```

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

Here you see how a box with a 4 pixel #D56D5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D56D5D; -webkit-box-shadow:4px 4px  
4px 4px #D56D5D; box-shadow:4px 4px 4px  
4px #D56D5D }
```

# Background

The CSS property to change the background color of an element to Hex D56D5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D56D5D }
```

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

```
.background{ background-color:#D56D5D }
```

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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