

# Converting Colors

Hex(D96A53)

Have a look what the booklet for  
Hex(D96A53) contains.

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**Color**

**Hex(D96A53)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D96A53
RGB	217, 106, 83
RGB Percent	85%, 42%, 33%
CMY	0.1490, 0.5843, 0.6745
CMYK	0.00, 0.51, 0.62, 0.15
HSL	10°, 64%, 59%
HSV	10°, 62%, 85%
XYZ	35.3306, 25.6843, 11.2791
YIQ	136.5670, 73.5390, 16.3790

# Conversions

## Conversions Part 2

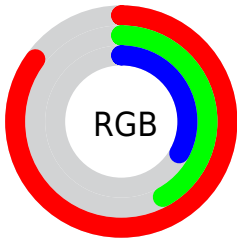
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 111, 83
Decimal	14248531
CIE <sub>Lab</sub>	57.74, 41.68, 33.20
CIE <sub>LCh</sub>	58, 53.287, 38.541
Yxy	25.6843, 0.4887, 0.3553
Android (android.graphics.Color)	4292438611 (0xFFD96A53)
YUV	136.5670, -26.4085, 70.5397
Hunter-Lab	50.6797, 35.7493, 22.2805

# Details

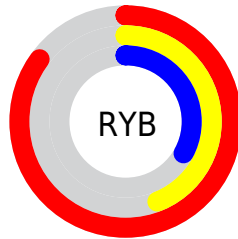
The Hex color **D96A53** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **53C2D9**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFA085**, and **9D3625** is the 20% darker color. If you saturate the color by 10%, you get **D9583D**, and if you desaturate by 10%, it is **D97C69**.

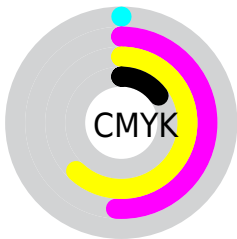
# Distribution



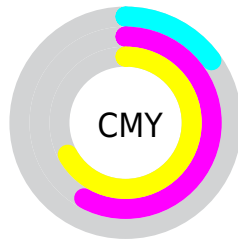
- Red (85%)
- Green (42%)
- Blue (33%)



- Red (85%)
- Yellow (44%)
- Blue (33%)



- Cyan (0%)
- Magenta (51%)
- Yellow (62%)
- Black (15%)



- Cyan (15%)
- Magenta (58%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D96A53 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 D96A53 by changing the saturation by 10% instead.



 D96A53

 D96A53

FFFFFF

 BB503C

 FFA085

 9D3625

 FFBB9F

 7F1B10

 FFD8BA

 630000

 FFF5D6

 460000

 FFFFF3

 2C0001

 000000

 D96A53

 D96A53

 D9583D

 D97C69

 D94628

 D98E7E

 D93412

 D9A094

 D92500

 D9B2AA

 D9C4C0

 D9D6D5

 D9E8EB

 D9FAFF

 D9FFFF

# Harmonies

## Analogous

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



E0607F



D96A53



BF7C31

# Triad

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



D96A53



009F67



478BE7

# Complementary

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



D96A53



53C2D9

# 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.



0099E1



D96A53



00A197

# Square

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



D96A53



65983D



00A0C4



9F79D4

# Rectangle

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



D96A53



A68826



00A0C4



0091E8



# Sweetspot

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



D96A53



FFD7CF



D953C3



806762



000000



808080



# Same Dimension

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



D96A53



FF6342



D9AC53



6E6563



AD1E00



2E0800



# Inverse Universe

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



53C2D9



42DFFF



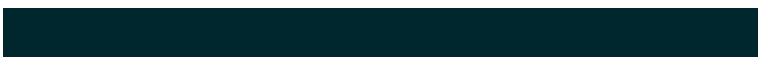
5380D9



636C6E



0090AD

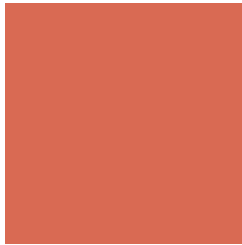


00262E



# Previews

## White Background



This preview shows how the Hex color D96A53 looks on a white background.

## Color Contrast Check

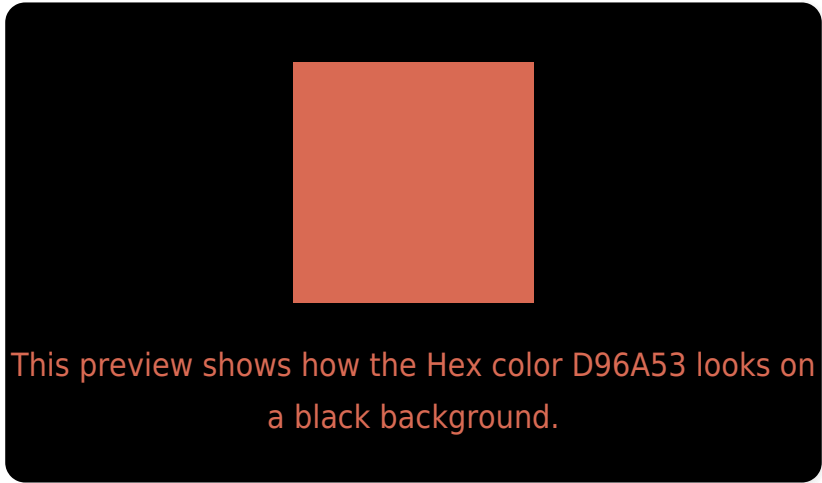
Large Text (above 18pt) WCAG AA ✓ Pass

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 D96A53 Background



This preview shows how black text looks on a background with the Hex color D96A53.



This preview shows how white text looks on a background with the Hex color D96A53.

# 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](#).

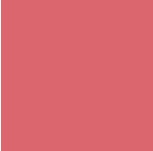
## Dichromacy



**Original Color**  
D96A53

**Protanopia**  
968B60

**Deuteranopia**  
AA854E



**Tritanopia**  
DB666D

# Trichromacy



**Original Color**  
D96A53

**Protanomaly**  
AE7F5B

**Deuteranomaly**  
BB7B50

**Tritanomaly**  
DA6764

# Monochromacy



**Original Color**  
D96A53

**Achromatopsia**  
898989

**Achromatomaly**  
A67E75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D96A53 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 #D96A53 looks like.

```
.text, #text, p{  
    color:#D96A53  
}
```

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 #D96A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D96A53
}
```

## Border

The CSS property to change the border of an element to Hex D96A53 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
#D96A53 }
```

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

```
.border{ border-color:#D96A53 }
```

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

Here you see how a box with a 4 pixel #D96A53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D96A53; -webkit-box-shadow:4px 4px  
4px 4px #D96A53; box-shadow:4px 4px 4px  
4px #D96A53 }
```

# Background

The CSS property to change the background color of an element to Hex D96A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D96A53 }
```

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

```
.background{ background-color:#D96A53 }
```

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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