

# Converting Colors

Hex(D06E5A)

Have a look what the booklet for  
Hex(D06E5A) contains.

<b>Hex(D06E5A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(D06E5A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D06E5A
RGB	208, 110, 90
RGB Percent	82%, 43%, 35%
CMY	0.1843, 0.5686, 0.6471
CMYK	0.00, 0.47, 0.57, 0.18
HSL	10°, 56%, 58%
HSV	10°, 57%, 82%
XYZ	33.4338, 25.2999, 12.7941
YIQ	137.0220, 64.8280, 14.5560

# Conversions

## Conversions Part 2

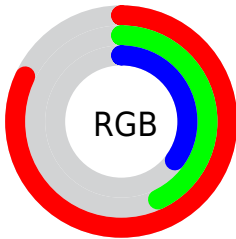
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 114, 90
Decimal	13659738
CIE Lab	57.37, 36.72, 28.53
CIE LCh	57, 46.503, 37.850
Yxy	25.2999, 0.4674, 0.3537
Android (android.graphics.Color)	4291849818 (0xFFD06E5A)
YUV	137.0220, -23.1818, 62.2477
Hunter-Lab	50.2990, 30.6258, 20.1283

# Details

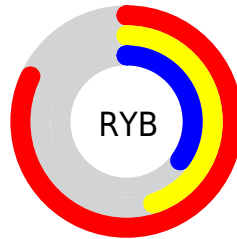
The Hex color **D06E5A** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **5ABCD0**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFA38C**, and **953B2C** is the 20% darker color. If you saturate the color by 10%, you get **D05D45**, and if you desaturate by 10%, it is **D07F6F**.

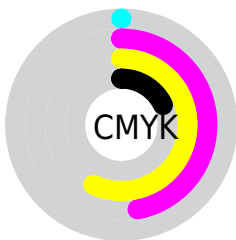
# Distribution



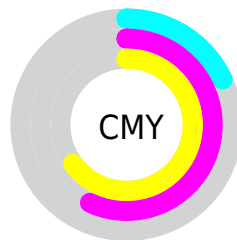
- Red (82%)
- Green (43%)
- Blue (35%)



- Red (82%)
- Yellow (45%)
- Blue (35%)



- Cyan (0%)
- Magenta (47%)
- Yellow (57%)
- Black (18%)



- Cyan (18%)
- Magenta (57%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D06E5A 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 D06E5A by changing the saturation by 10% instead.



 D06E5A

 D06E5A

FFFFFF

 B25442

 FFA38C

 953B2C

 FFBFA7

 782217

 FFDBC2

 5C0400

 FFF8DE

 400000

 FFFFFB

 270001

 000000

 D06E5A

 D06E5A

 D05D45

 D07F6F

 D04B30

 D09184

 D03A1C

 D0A298

 D02907

 D0B3AD

 D02300

 D0C4C2

 D0D6D7

 D0E7EC

 D0F8FF

 D0FFFF

# Harmonies

## Analogous

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



D56681



D06E5A



B97D3E

# Triad

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



D06E5A



2C9C6A



548BDA

# Complementary

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



D06E5A



5ABCD0

# 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.



0096D4



D06E5A



009E94

# Square

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



D06E5A



6C9647



009CBA



9B7BCA

# Rectangle

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



D06E5A



A38735



009CBA



2D8FDB



# Sweetspot

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



D06E5A



FFDBD4



D05ABC



806A66



000000



808080



# Same Dimension

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



D06E5A



FF6F52



D0A95A



69605E



A81D00



290700



# Inverse Universe

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



5ABCD0



52E2FF



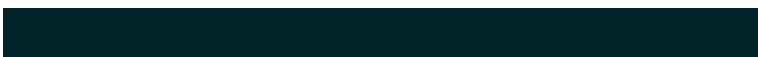
5A81D0



5E6769



008CA8



002229



# Previews

## White Background



This preview shows how the Hex color D06E5A looks on a white background.

## Color Contrast Check

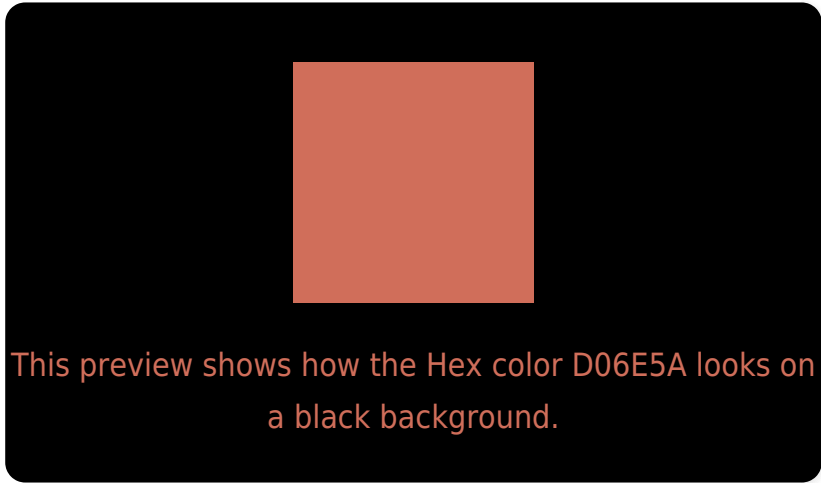
Large Text (above 18pt) WCAG AA ✓ Pass

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 D06E5A Background



This preview shows how black text looks on a background with the Hex color D06E5A.

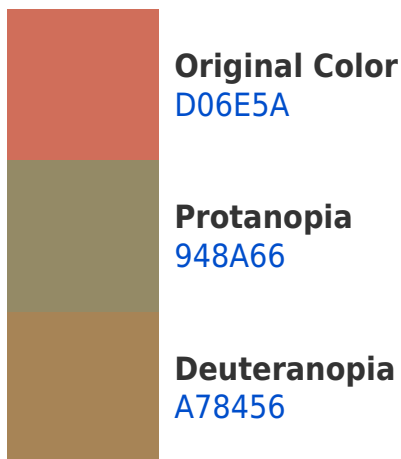



This preview shows how white text looks on a background with the Hex color D06E5A.

# 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](#).

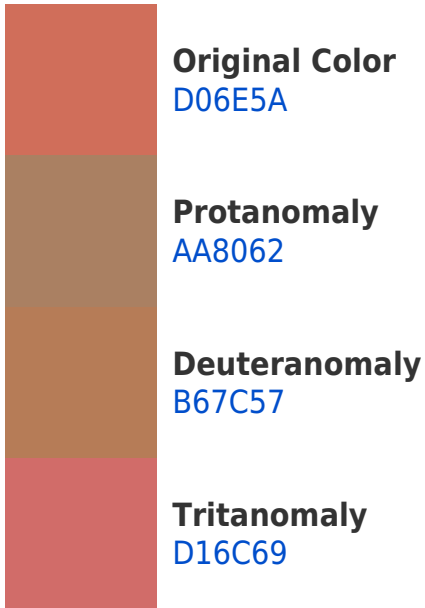
## Dichromacy



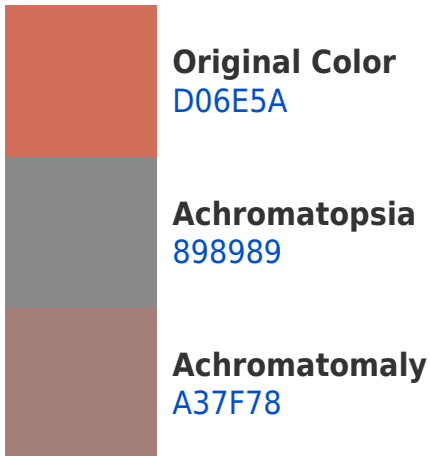


**Tritanopia**  
D26B72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D06E5A 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 #D06E5A looks like.

```
.text, #text, p{  
    color:#D06E5A  
}
```

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 #D06E5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D06E5A
}
```

## Border

The CSS property to change the border of an element to Hex D06E5A 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
#D06E5A }
```

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

```
.border{ border-color:#D06E5A }
```

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

Here you see how a box with a 4 pixel #D06E5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D06E5A; -webkit-box-shadow:4px 4px  
4px 4px #D06E5A; box-shadow:4px 4px 4px  
4px #D06E5A }
```

# Background

The CSS property to change the background color of an element to Hex D06E5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D06E5A }
```

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

```
.background{ background-color:#D06E5A }
```

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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