

# Converting Colors

Hex(D16E55)

Have a look what the booklet for  
Hex(D16E55) contains.

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**Color**

**Hex(D16E55)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D16E55
RGB	209, 110, 85
RGB Percent	82%, 43%, 33%
CMY	0.1804, 0.5686, 0.6667
CMYK	0.00, 0.47, 0.59, 0.18
HSL	12°, 57%, 58%
HSV	12°, 59%, 82%
XYZ	33.5101, 25.3630, 11.7237
YIQ	136.7510, 67.0290, 13.2130

# Conversions

## Conversions Part 2

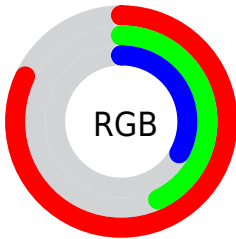
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 116, 85
Decimal	13725269
CIE <sub>Lab</sub>	57.43, 36.73, 31.45
CIE <sub>LCh</sub>	57, 48.352, 40.576
Yxy	25.3630, 0.4747, 0.3593
Android (android.graphics.Color)	4291915349 (0xFFD16E55)
YUV	136.7510, -25.5132, 63.3624
Hunter-Lab	50.3617, 30.6388, 21.4511

# Details

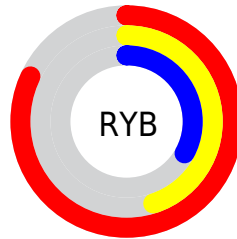
The Hex color **D16E55** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **55B8D1**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFA387**, and **963B27** is the 20% darker color. If you saturate the color by 10%, you get **D15D40**, and if you desaturate by 10%, it is **D17F6A**.

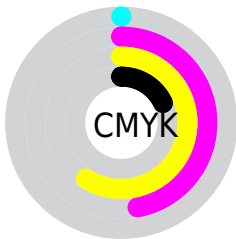
# Distribution



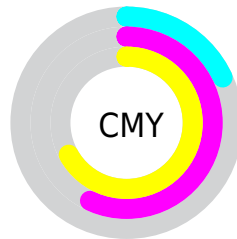
- Red (82%)
- Green (43%)
- Blue (33%)



- Red (82%)
- Yellow (45%)
- Blue (33%)



- Cyan (0%)
- Magenta (47%)
- Yellow (59%)
- Black (18%)



- Cyan (18%)
- Magenta (57%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D16E55 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 D16E55 by changing the saturation by 10% instead.



 D16E55

 D16E55

FFFFFF

 B3543D

 FFA387

 963B27

 FFBFA1

 792212

 FFDBBD

 5D0400

 FFF8D8

 400000

 FFFFF5

 270001

 000000

 D16E55

 D16E55

 D15D40

 D17F6A

 D14D2B

 D18F7F

 D13C16

 D1A094

 D12B01

 D1B1A9

 D12A00

 D1C1BE

 D1D2D2

 D1E3E7

 D1F3FC

 D1FFFF

# Harmonies

## Analogous

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



D8657D



D16E55



B87E39

# Triad

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



D16E55



179D6C



5989DD

# Complementary

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



D16E55



55B8D1

# 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.



0096D9



D16E55



009F98

# Square

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



D16E55



669747



009DC0



A079CA

# Rectangle

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



D16E55



A18831



009DC0



328EDE

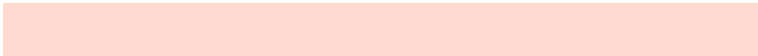


# Sweetspot

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



D16E55



FFDAD1



D155B8



806963



000000



808080



# Same Dimension

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



D16E55



FF6E4A



D1AC55



69605E



A82200



290800



# Inverse Universe

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



55B8D1



4ADAFF



557AD1



5E6669



0086A8



002129



# Previews

## White Background



This preview shows how the Hex color D16E55 looks on a white background.

## Color Contrast Check

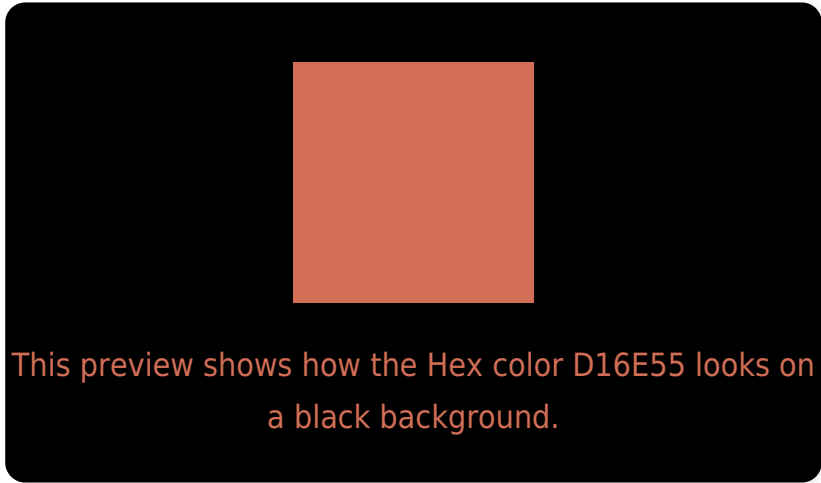
Large Text (above 18pt) WCAG AA ✓ Pass

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 D16E55 Background



This preview shows how black text looks on a background with the Hex color D16E55.

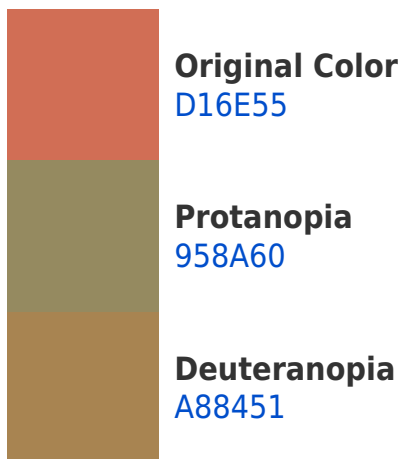


This preview shows how white text looks on a background with the Hex color D16E55.

# 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](#).

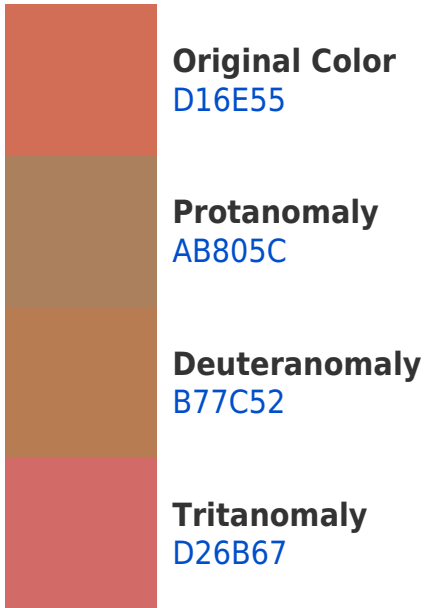
## Dichromacy



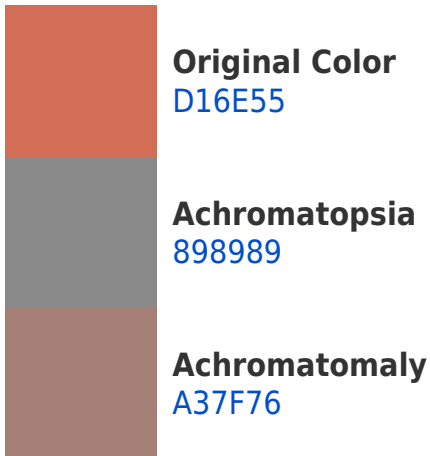


**Tritanopia**  
D36A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D16E55 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 #D16E55 looks like.

```
.text, #text, p{  
    color:#D16E55  
}
```

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 #D16E55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D16E55
}
```

## Border

The CSS property to change the border of an element to Hex D16E55 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
#D16E55 }
```

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

```
.border{ border-color:#D16E55 }
```

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

Here you see how a box with a 4 pixel #D16E55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D16E55; -webkit-box-shadow:4px 4px  
4px 4px #D16E55; box-shadow:4px 4px 4px  
4px #D16E55 }
```

# Background

The CSS property to change the background color of an element to Hex D16E55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D16E55 }
```

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

```
.background{ background-color:#D16E55 }
```

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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