

# Converting Colors

Hex(C16D62)

Have a look what the booklet for  
Hex(C16D62) contains.

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**Color**

**Hex(C16D62)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C16D62
RGB	193, 109, 98
RGB Percent	76%, 43%, 38%
CMY	0.2431, 0.5725, 0.6157
CMYK	0.00, 0.44, 0.49, 0.24
HSL	7°, 43%, 57%
HSV	7°, 49%, 76%
XYZ	29.6656, 23.1566, 14.4614
YIQ	132.8620, 53.5950, 14.3870

# Conversions

## Conversions Part 2

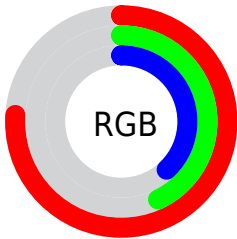
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 110, 98
Decimal	12676450
CIE <sub>Lab</sub>	55.23, 32.12, 20.77
CIE <sub>LCh</sub>	55, 38.255, 32.891
Yxy	23.1566, 0.4409, 0.3442
Android (android.graphics.Color)	4290866530 (0xFFC16D62)
YUV	132.8620, -17.1870, 52.7410
Hunter-Lab	48.1213, 25.8285, 15.8671

# Details

The Hex color **C16D62** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **62B6C1**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FCA295**, and **883B33** is the 20% darker color. If you saturate the color by 10%, you get **C15C4F**, and if you desaturate by 10%, it is **C17E75**.

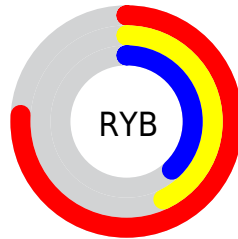
# Distribution



Red (76%)

Green (43%)

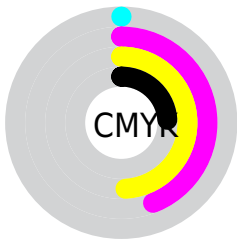
Blue (38%)



Red (76%)

Yellow (43%)

Blue (38%)

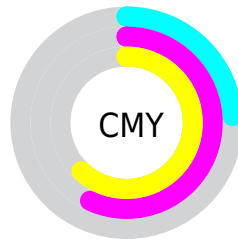


Cyan (0%)

Magenta (44%)

Yellow (49%)

Black (24%)



Cyan (24%)

Magenta (57%)

Yellow (62%)


# Brightness & Saturation Gradients

These gradients show how the Hex color C16D62 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 C16D62 by changing the saturation by 10% instead.



 C16D62

 C16D62

FFFFFF

 A4544A

 FCA295

 883B33

 FFBD4F

 6C231E

 FFD9CB

 510907

 FFF6E7

 370000

 180001

 000000

 C16D62

 C16D62

 C15C4F

 C17E75

 C14B3B

 C18F89

 C13A28

 C1A09C

 C12915

 C1B1AF

 C11802

 C1C2C3

 C11600

 C1D3D6

 C1E4E9

 C1F6FC

 C1FFFF

# Harmonies

## Analogous

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



C26982



C16D62



B1784A

# Triad

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



C16D62



499365



5387C6

# Complementary

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



C16D62



62B6C1

# 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.



0090BF



C16D62



009586

# Square

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



C16D62



738D4B



0094A7



8B7ABC

# Rectangle

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



C16D62



A08041



0094A7



3A8AC6

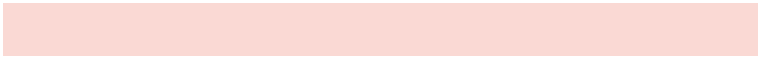


# Sweetspot

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



C16D62



FAD9D4



C162B8



7D6966



FCFCFC



7D7D7D



# Same Dimension

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



C16D62



FA7866



C19B62



615857



A11300



210400



# Inverse Universe

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



62B6C1



66E9FA



6288C1



576061



008EA1



001D21



# Previews

## White Background



This preview shows how the Hex color C16D62 looks on a white background.

## Color Contrast Check

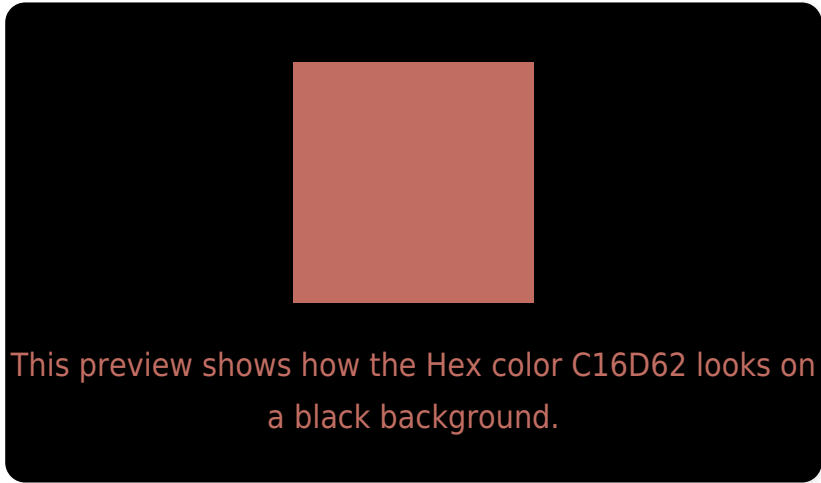
Large Text (above 18pt) WCAG AA ✓ Pass

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 C16D62 Background



This preview shows how black text looks on a background with the Hex color C16D62.

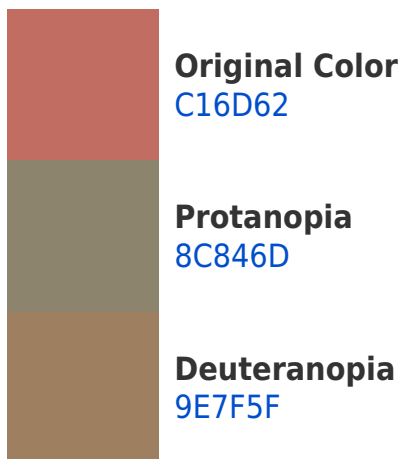



This preview shows how white text looks on a background with the Hex color C16D62.

# 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](#).

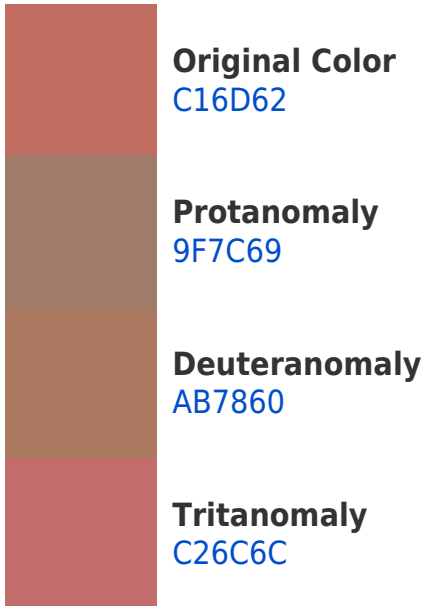
## Dichromacy





**Tritanopia**  
C26B72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C16D62 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 #C16D62 looks like.

```
.text, #text, p{  
    color:#C16D62  
}
```

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 #C16D62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C16D62  
}
```

## Border

The CSS property to change the border of an element to Hex C16D62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

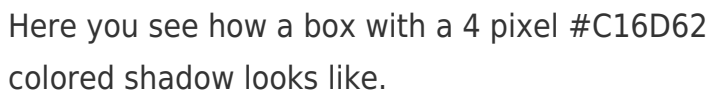
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#C16D62 }
```

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

```
.border{ border-color:#C16D62 }
```

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



Here you see how a box with a 4 pixel #C16D62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C16D62; -webkit-box-shadow:4px 4px  
4px 4px #C16D62; box-shadow:4px 4px 4px  
4px #C16D62 }
```

# Background

The CSS property to change the background color of an element to Hex C16D62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C16D62 }
```

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

```
.background{ background-color:#C16D62 }
```

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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