

# Converting Colors

Hex(C16057)

Have a look what the booklet for  
Hex(C16057) contains.

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# Color

**Hex(C16057)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C16057
RGB	193, 96, 87
RGB Percent	76%, 38%, 34%
CMY	0.2431, 0.6235, 0.6588
CMYK	0.00, 0.50, 0.55, 0.24
HSL	5°, 46%, 55%
HSV	5°, 55%, 76%
XYZ	27.8955, 20.3913, 11.4825
YIQ	123.9770, 60.7010, 17.7650

# Conversions

## Conversions Part 2

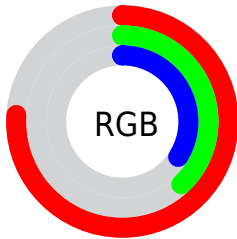
Format	Color
<b>R<sub>YB</sub></b>	193, 97, 87
Decimal	12673111
CIE Lab	52.28, 37.98, 23.23
CIE LCh	52, 44.521, 31.448
Yxy	20.3913, 0.4667, 0.3412
Android (android.graphics.Color)	4290863191 (0xFFC16057)
YUV	123.9770, -18.2297, 60.5332
Hunter-Lab	45.1567, 31.2437, 16.5334

# Details

The Hex color **C16057** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **57B8C1**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FD9589**, and **872D2A** is the 20% darker color. If you saturate the color by 10%, you get **C14E44**, and if you desaturate by 10%, it is **C1726A**.

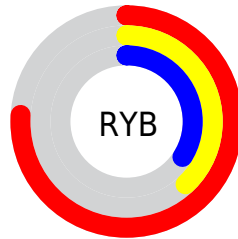
# Distribution



Red (76%)

Green (38%)

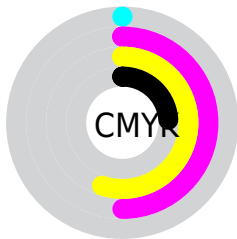
Blue (34%)



Red (76%)

Yellow (38%)

Blue (34%)

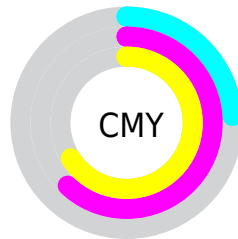


Cyan (0%)

Magenta (50%)

Yellow (55%)

Black (24%)



Cyan (24%)

Magenta (62%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C16057 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 C16057 by changing the saturation by 10% instead.



 C16057

 C16057

FFFFFF

 A44740

 FD9589

 872D2A

 FF80A3

 6A1215

 FFCCBE

 4F0000

 FFE8DA

 350001

 FFFFF7

 0C0000

 000000

 C16057

 C16057

 C14E44

 C1726A

 C13D30

 C1837E

 C12B1D

 C19591

 C1190A

 C1A7A4

 C11000

 C1B8B8

 C1CACB

 C1DCDE

 C1EDF1

 C1FFFF

# Harmonies

## Analogous

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



C25B7C



C16057



AF6D39

# Triad

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



C16057



358D57



3280C9

# Complementary

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



C16057



57B8C1

# 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.



008ABF



C16057



00907D

# Square

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



C16057



6A8638



008FA3



8172BE

# Rectangle

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



C16057



9C772E



008FA3



0084C8

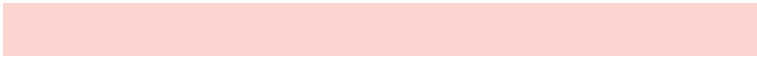


# Sweetspot

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



C16057



FAD5D2



C157B8



7D6765



FCFCFC



7D7D7D



# Same Dimension

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



C16057



FA6355



C19557



615857



A10E00



210300



# Inverse Universe

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



57B8C1



55ECFA



5783C1



576061



0093A1

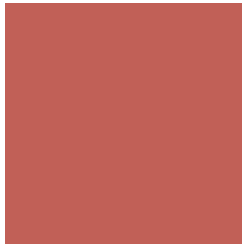


001E21



# Previews

## White Background



This preview shows how the Hex color C16057 looks on a white background.

## Color Contrast Check

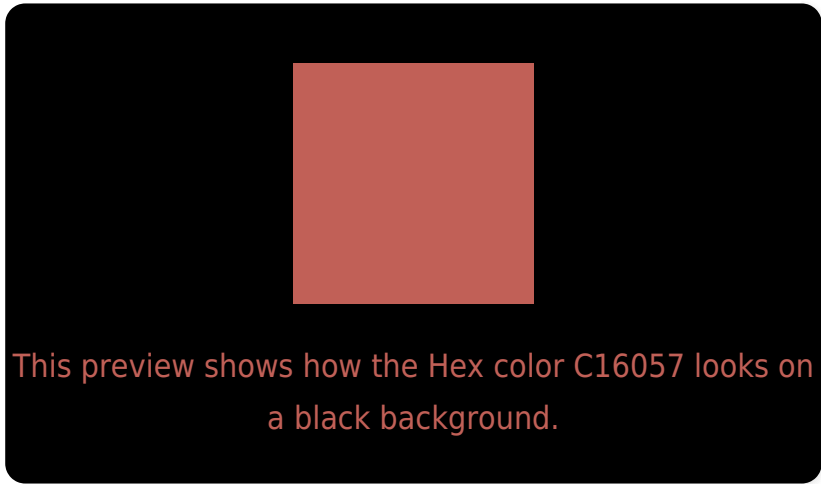
Large Text (above 18pt) WCAG AA ✓ Pass

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 C16057 Background



This preview shows how black text looks on a background with the Hex color C16057.




This preview shows how white text looks on a background with the Hex color C16057.

# 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](#).

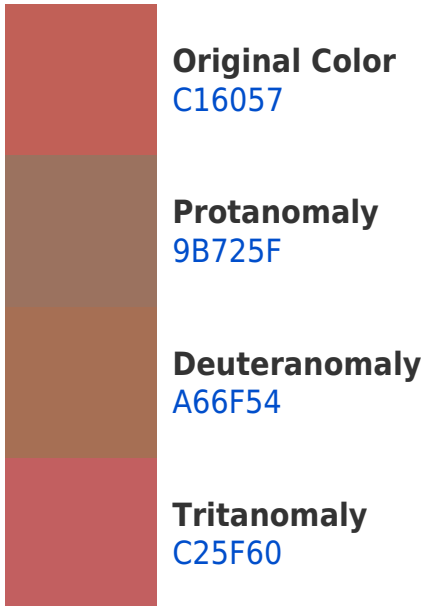
## Dichromacy



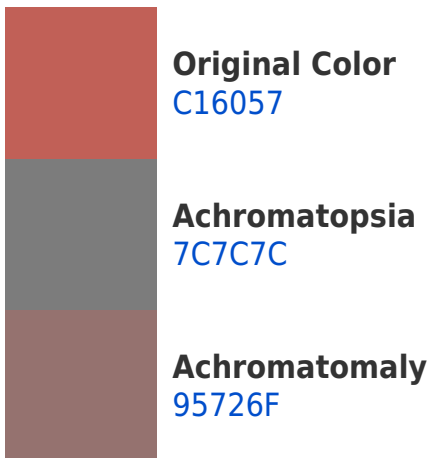


**Tritanopia**  
C25E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C16057 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 #C16057 looks like.

```
.text, #text, p{  
    color:#C16057  
}
```

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 #C16057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C16057
}
```

## Border

The CSS property to change the border of an element to Hex C16057 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
#C16057 }
```

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

```
.border{ border-color:#C16057 }
```

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

Here you see how a box with a 4 pixel #C16057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C16057; -webkit-box-shadow:4px 4px  
4px 4px #C16057; box-shadow:4px 4px 4px  
4px #C16057 }
```

# Background

The CSS property to change the background color of an element to Hex C16057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C16057 }
```

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

```
.background{ background-color:#C16057 }
```

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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