

# Converting Colors

Hex(C16959)

Have a look what the booklet for  
Hex(C16959) contains.

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**Color**

**Hex(C16959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C16959
RGB	193, 105, 89
RGB Percent	76%, 41%, 35%
CMY	0.2431, 0.5882, 0.6510
CMYK	0.00, 0.46, 0.54, 0.24
HSL	9°, 46%, 55%
HSV	9°, 54%, 76%
XYZ	28.8471, 22.1619, 12.2085
YIQ	129.4880, 57.5840, 13.6800

# Conversions

## Conversions Part 2

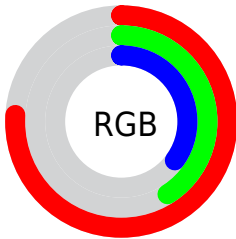
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 108, 89
Decimal	12675417
CIE <sub>Lab</sub>	54.20, 33.44, 24.59
CIE <sub>LCh</sub>	54, 41.504, 36.333
Yxy	22.1619, 0.4563, 0.3506
Android (android.graphics.Color)	4290865497 (0xFFC16959)
YUV	129.4880, -19.9606, 55.7000
Hunter-Lab	47.0764, 26.9960, 17.5776

# Details

The Hex color **C16959** 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 **59B1C1**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FD9E8B**, and **87372B** is the 20% darker color. If you saturate the color by 10%, you get **C15946**, and if you desaturate by 10%, it is **C1796C**.

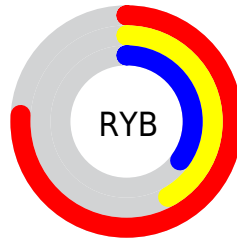
# Distribution




 Red (76%)

 Green (41%)

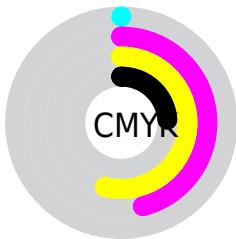
 Blue (35%)



 Red (76%)

 Yellow (42%)

 Blue (35%)

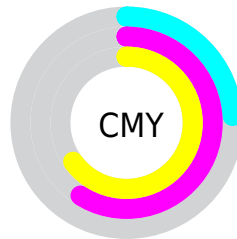


 Cyan (0%)

 Magenta (46%)

 Yellow (54%)

 Black (24%)



 Cyan (24%)

 Magenta (59%)

 Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C16959 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 C16959 by changing the saturation by 10% instead.



 C16959

 C16959

FFFFFF

 A45041

 FD9E8B

 87372B

 FFB9A6

 6B1F16

 FFD5C1

 500300

 FFF2DD

 350000

 FFFFFFF9

 130000

 000000

 C16959

 C16959

 C15946

 C1796C

 C14832

 C18A80

 C1381F

 C19A93

 C1280C

 C1AAA6

 C11E00

 C1BBBA

 C1CBCD

 C1DBE0

 C1ECF3

 C1FCFF

# Harmonies

## Analogous

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



C4637B



C16959



AE7540

# Triad

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



C16959



379264



5283C9

# Complementary

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



C16959



59B1C1

# 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.



008DC3



C16959



009488

# Square

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



C16959



6A8C46



0092AB



8E75BB

# Rectangle

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



C16959



9B7E38



0092AB



3387C9

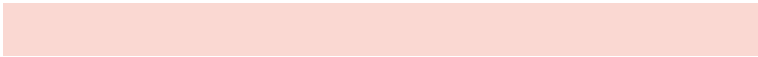


# Sweetspot

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



C16959



FAD8D2



C159B1



7D6965



FCFCFC



7D7D7D



# Same Dimension

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



C16959



FA7057



C19D59



615957



A11900



210500



# Inverse Universe

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



59B1C1



57E1FA



597DC1



575F61



0088A1



001C21



# Previews

## White Background



This preview shows how the Hex color C16959 looks on a white background.

## Color Contrast Check

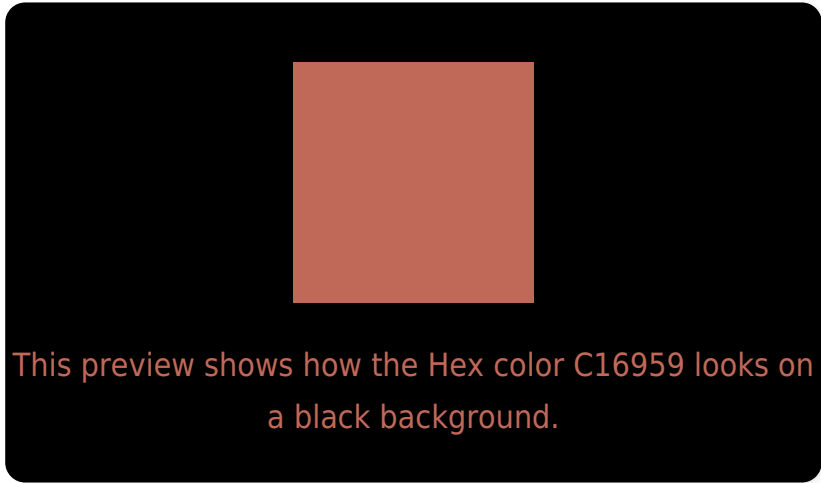
Large Text (above 18pt) WCAG AA ✓ Pass

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 C16959 Background



This preview shows how black text looks on a background with the Hex color C16959.



This preview shows how white text looks on a background with the Hex color C16959.

# 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**  
C16959

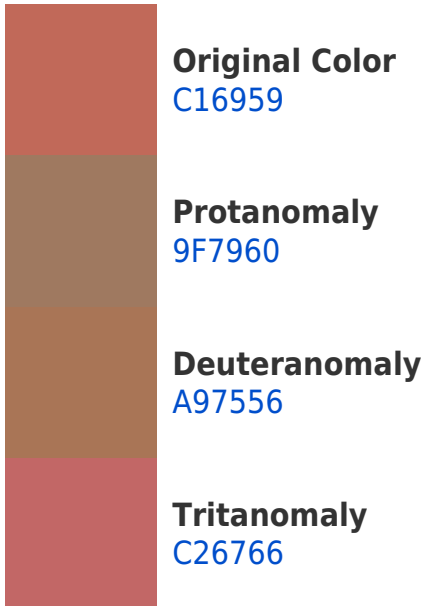
**Protanopia**  
8B8264

**Deuteranopia**  
9C7C55



**Tritanopia**  
C2666D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C16959 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 #C16959 looks like.

```
.text, #text, p{  
    color:#C16959  
}
```

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 #C16959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C16959
}
```

## Border

The CSS property to change the border of an element to Hex C16959 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
#C16959 }
```

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

```
.border{ border-color:#C16959 }
```

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

Here you see how a box with a 4 pixel #C16959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C16959; -webkit-box-shadow:4px 4px  
4px 4px #C16959; box-shadow:4px 4px 4px  
4px #C16959 }
```

# Background

The CSS property to change the background color of an element to Hex C16959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C16959 }
```

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

```
.background{ background-color:#C16959 }
```

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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