

# Converting Colors

Hex(C16965)

Have a look what the booklet for  
Hex(C16965) contains.

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# Color

Hex(C16965)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C16965
RGB	193, 105, 101
RGB Percent	76%, 41%, 40%
CMY	0.2431, 0.5882, 0.6039
CMYK	0.00, 0.46, 0.48, 0.24
HSL	3°, 43%, 58%
HSV	3°, 48%, 76%
XYZ	29.3929, 22.3802, 15.0826
YIQ	130.8560, 53.7320, 17.4120

# Conversions

## Conversions Part 2

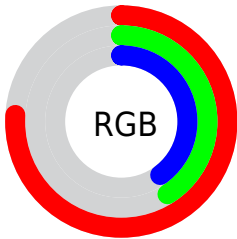
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 105, 101
Decimal	12675429
CIE <sub>Lab</sub>	54.43, 34.55, 17.94
CIE <sub>LCh</sub>	54, 38.933, 27.446
Yxy	22.3802, 0.4396, 0.3348
Android (android.graphics.Color)	4290865509 (0xFFC16965)
YUV	130.8560, -14.7190, 54.5003
Hunter-Lab	47.3077, 28.1157, 14.2127

# Details

The Hex color **C16965** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **65BDC1**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FC9E98**, and **883736** is the 20% darker color. If you saturate the color by 10%, you get **C15752**, and if you desaturate by 10%, it is **C17B78**.

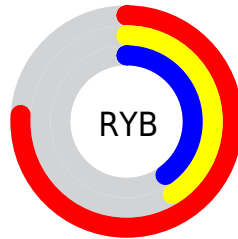
# Distribution



Red (76%)

Green (41%)

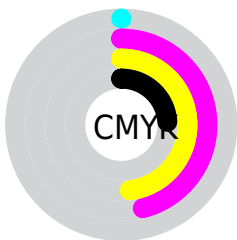
Blue (40%)



Red (76%)

Yellow (41%)

Blue (40%)

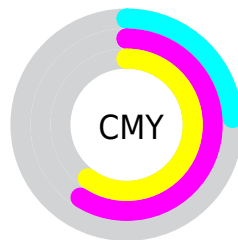


Cyan (0%)

Magenta (46%)

Yellow (48%)

Black (24%)



Cyan (24%)

Magenta (59%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C16965 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 C16965 by changing the saturation by 10% instead.



 C16965

 C16965

FFFFFF

 A4504D

 FC9E98

 883736

 FFB9B3

 6C1E21

 FFD5CE

 51020B

 FFF2EA

 370000

 170000

 000000

 C16965

 C16965

 C15752

 C17B78

 C1443E

 C18E8C

 C1322B

 C1A09F

 C11F18

 C1B3B2

 C10D04

 C1C5C5

 C10800

 C1D8D9

 C1EAEC

 C1FDFF

 C1FFFF

# Harmonies

## Analogous

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



BF6786



C16965



B3734A

# Triad

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



C16965



4E905D



4287C5

# Complementary

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



C16965



65BDC1

# 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.



008FBA



C16965



00937E

# Square

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



C16965



778944



0093A0



807BBE

# Rectangle

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



C16965



A37B40



0093A0



208AC3

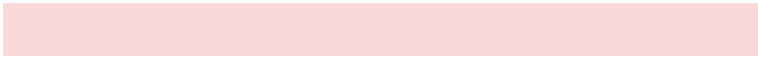


# Sweetspot

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



C16965



FAD8D7



C165BE



7D6968



FCFCFC



7D7D7D



# Same Dimension

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



C16965



FA726B



C19665



615857



A10700



210100



# Inverse Universe

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



65BDC1



6BF4FA



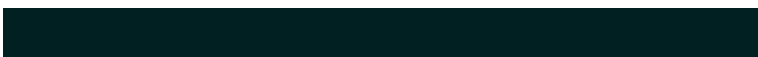
6590C1



576061



009AA1

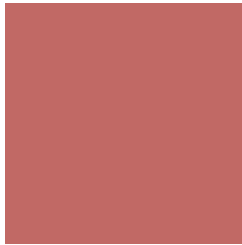


002021



# Previews

## White Background



This preview shows how the Hex color C16965 looks on a white background.

## Color Contrast Check

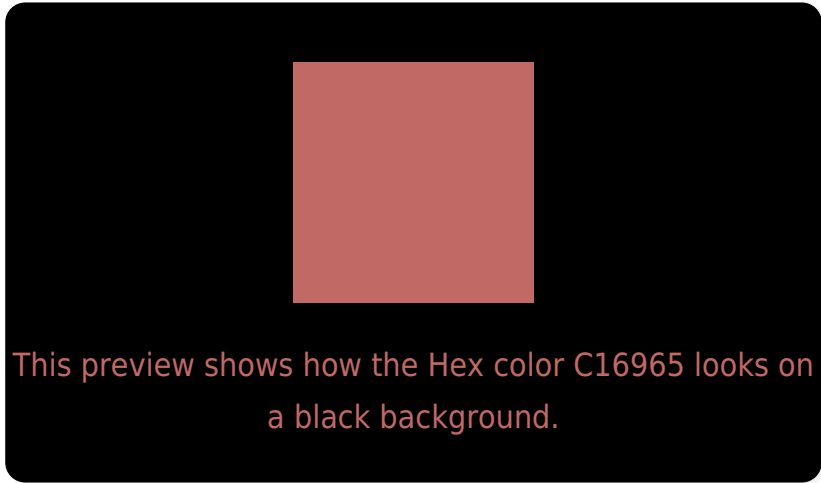
Large Text (above 18pt) WCAG AA ✓ Pass

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 C16965 Background



This preview shows how black text looks on a background with the Hex color C16965.




This preview shows how white text looks on a background with the Hex color C16965.

# 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](#).

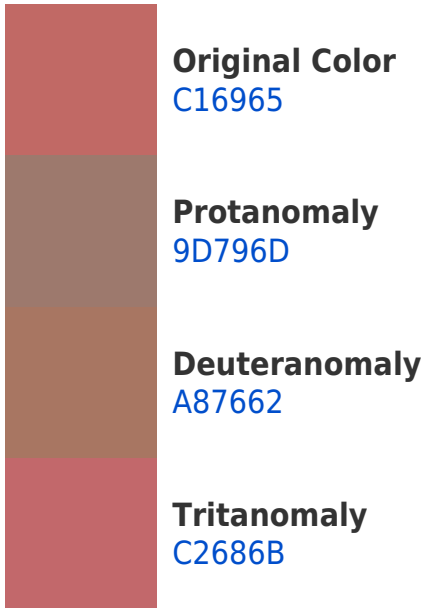
## Dichromacy





**Tritanopia**  
C2676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C16965 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 #C16965 looks like.

```
.text, #text, p{  
    color:#C16965  
}
```

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 #C16965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C16965
}
```

## Border

The CSS property to change the border of an element to Hex C16965 is called "border". The border property can be set on classes, ids or directly on the HTML element.

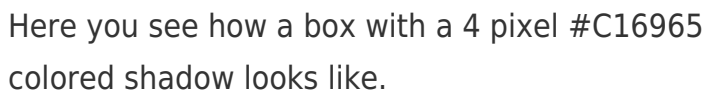
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C16965 }
```

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

```
.border{ border-color:#C16965 }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a darker red color, extending 4 pixels to the right and 4 pixels down from the bottom-right corner of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #C16965 colored shadow looks like."

Here you see how a box with a 4 pixel #C16965 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C16965; -webkit-box-shadow:4px 4px  
4px 4px #C16965; box-shadow:4px 4px 4px  
4px #C16965 }
```

# Background

The CSS property to change the background color of an element to Hex C16965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C16965 }
```

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

```
.background{ background-color:#C16965 }
```

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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