

# Converting Colors

Hex(CECACC)

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

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# **Color**

**Hex(CECACC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CECACC
RGB	206, 202, 204
RGB Percent	81%, 79%, 80%
CMY	0.1922, 0.2078, 0.2000
CMYK	0.00, 0.02, 0.01, 0.19
HSL	330°, 4%, 80%
HSV	330°, 2%, 81%
XYZ	57.4732, 59.7225, 65.6252
YIQ	203.4240, 1.7420, 1.4700

# Conversions

## Conversions Part 2

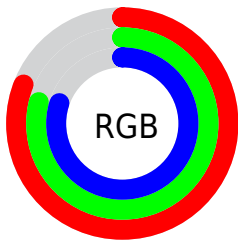
Format	Color
R <sub>Y</sub> B	206, 202, 204
Decimal	13552332
CIE Lab	81.69, 1.75, -0.51
CIE LCh	82, 1.819, 343.580
Yxy	59.7225, 0.3144, 0.3267
Android (android.graphics.Color)	4291742412 (0xFFCECACC)
YUV	203.4240, 0.2840, 2.2592
Hunter-Lab	77.2803, -2.4905, 3.7482

# Details

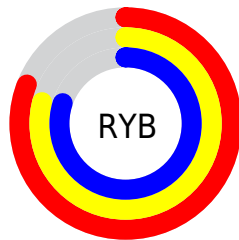
The Hex color **CECACC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CACECC**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFFFF**, and **989496** is the 20% darker color. If you saturate the color by 10%, you get **CEB5C2**, and if you desaturate by 10%, it is **CEDFD6**.

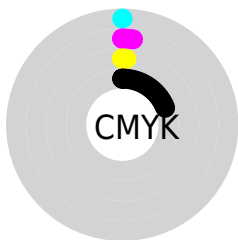
# Distribution



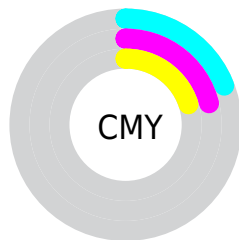
- Red (81%)
- Green (79%)
- Blue (80%)



- Red (81%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



■ CECACC

FFFFFF

■ CECACC

■ B3AFB1

■ 989496

■ 7E7A7C

■ 656163

■ 4D4A4B

■ 363335

■ 211E20

■ 0A0507

■ 000000

■ CECACC

■ CECACC

■ CEB5C2

■ CEDFD6

■ CEA1B7

■ CEF3E1

■ CE8CAD

■ CEFFEB

■ CE78A3

■ CEFFF5

■ CE6399

■ CEFFFF

■ CE4E8E

■ CE3A84

■ CE257A

■ CE116F

# Harmonies

## Analogous

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



CCCACD



CECACC



CFCACA

# Triad

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



CECACC



CCCBC8



C7CCCD

# Complementary

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



CECACC



CACECC

# 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.



C7CCCC



CECACC



CACCC9

# Square

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



CECACC



CECBC8



C8CCCA



C8CBCE

# Rectangle

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



CECACC



CFCAC9



C8CCCA



C7CCCD



# Sweetspot

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



CECACC



FFFCFE



CCCACE



807E7F



000000



808080



# Same Dimension

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



CECACC



FFFAFC



CECACA



666465



A60053



260013

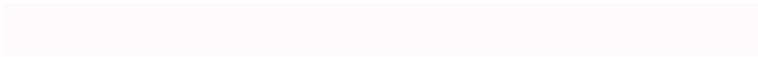


# Inverse Universe

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



CECACC



FFFAFC



CACECE



666465



A60053

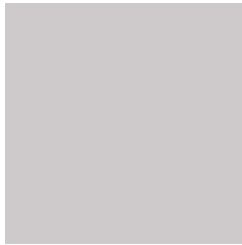


260013



# Previews

## White Background



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

## Color Contrast Check

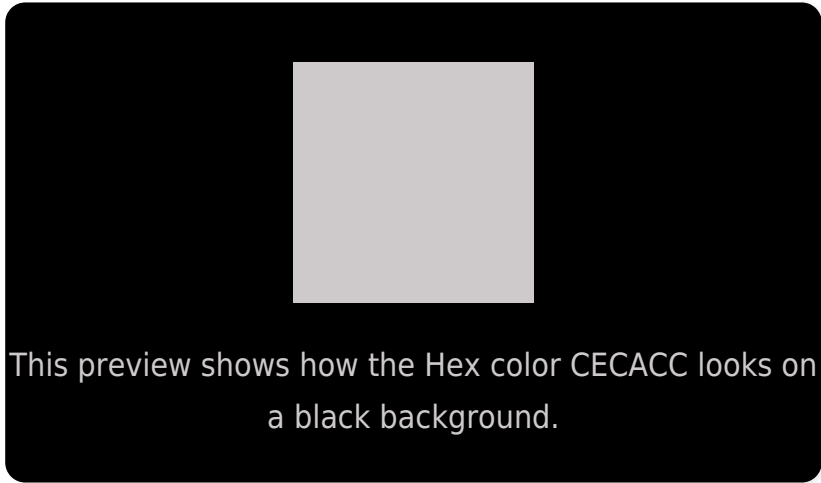
Large Text (above 18pt) WCAG AA × Fail

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

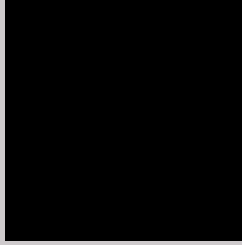
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

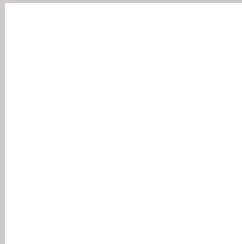
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CECACC Background



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

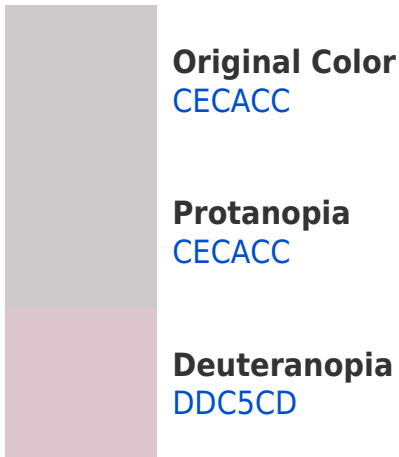


This preview shows how white text looks on a background with the Hex color CECACC.

# 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





# Trichromacy



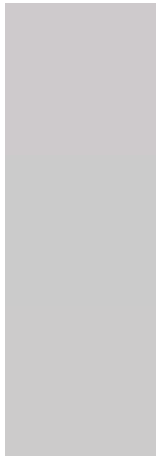
**Original Color**  
CECACC

**Protanomaly**  
CECACC

**Deuteranomaly**  
D8C7CD

**Tritanomaly**  
CFC9D4

# Monochromacy



**Original Color**  
CECACC

**Achromatopsia**  
CBCBCB

**Achromatomaly**  
CCCBCB

# CSS Examples

## Text

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

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

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 #CECACC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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