

# Converting Colors

Hex(CACCC6)

Have a look what the booklet for  
Hex(CACCC6) contains.

<b>Hex(CACCC6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CACCC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CACCC6
RGB	202, 204, 198
RGB Percent	79%, 80%, 78%
CMY	0.2078, 0.2000, 0.2235
CMYK	0.01, 0.00, 0.03, 0.20
HSL	80°, 6%, 79%
HSV	80°, 3%, 80%
XYZ	56.1430, 59.8195, 62.0133
YIQ	202.7180, 0.7340, -2.2900

# Conversions

## Conversions Part 2

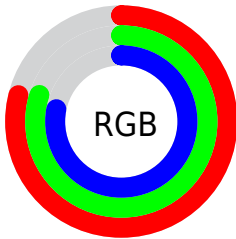
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 204, 200
Decimal	13290694
CIELab	81.74, -1.77, 2.73
CIELCh	82, 3.258, 122.911
Yxy	59.8195, 0.3155, 0.3361
Android (android.graphics.Color)	4291480774 (0xFFCACC6)
YUV	202.7180, -2.3260, -0.6297
Hunter-Lab	77.3431, -5.7779, 6.6017

# Details

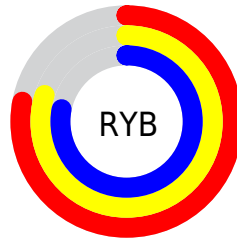
The Hex color **CACCC6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C8C6CC**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFFFF**, and **949690** is the 20% darker color. If you saturate the color by 10%, you get **C3CCB2**, and if you desaturate by 10%, it is **D1CCDA**.

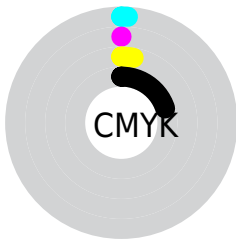
# Distribution



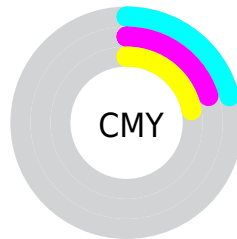
- Red (79%)
- Green (80%)
- Blue (78%)



- Red (78%)
- Yellow (80%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CACCC6 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 CACCC6 by changing the saturation by 10% instead.



■ CACCC6

FFFFFF

■ CACCC6

■ AFB1AB

■ 949690

■ 7A7C77

■ 61635E

■ 4A4B46

■ 333530

■ 1E201B

■ 050700

■ 000000

 CACCC6

 CACCC6

 C3CCB2

 D1CCDA

 BCCC9D

 D8CCEF

 B6CC89

 DECCFF

 AFCC74

 E5CCFF

 A8CC60

 ECCCCF

 A1CC4C

 F3CCFF

 9ACC37

 FACCCF

 94CC23

 FFCCFF

 8DCC0E

# Harmonies

## Analogous

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



CECBC5



CACCC6



C7CDC8

# Triad

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



CACCC6



C6CCD0



D2C9CB

# Complementary

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



CACCC6



C8C6CC

# 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.



D0CACE



CACCC6



C9CBD1

# Square

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



CACCC6



C4CDCE



CCCAD0



D2C9C8

# Rectangle

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



CACCC6



C5CDCA



CCCAD0



D1C9CC



# Sweetspot

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



CACCC6



FEFFFC



CCC8C6



7F807E



000000



808080



# Same Dimension

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



CACCC6



FCFFF5



C7CCC6



646661



6EA600



192600



# Inverse Universe

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



C8C6CC



F8F5FF



CBC6CC



636166



3700A6

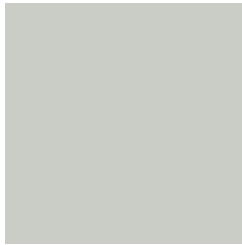


0D0026



# Previews

## White Background



This preview shows how the Hex color CACCC6 looks on a white background.

## Color Contrast Check

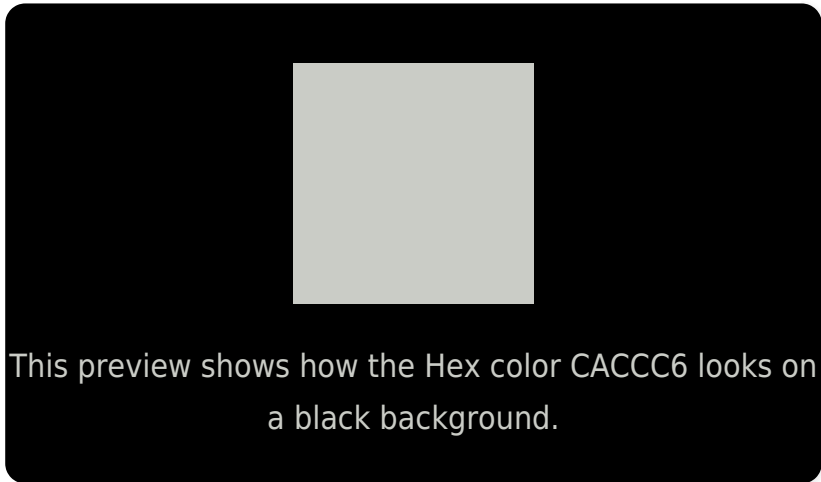
Large Text (above 18pt) WCAG AA × Fail

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

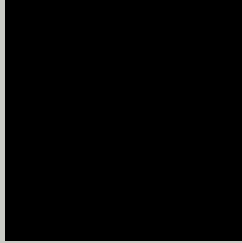
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

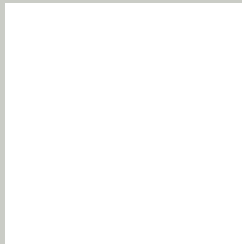
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CACCC6 Background



This preview shows how black text looks on a background with the Hex color CACCC6.

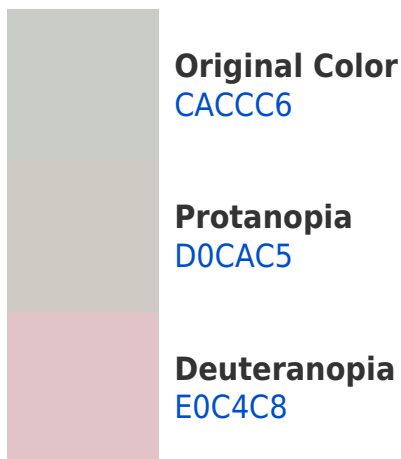


This preview shows how white text looks on a background with the Hex color CACCC6.

# 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



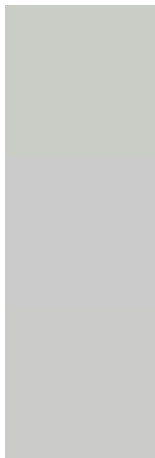
**Original Color**  
CACCC6

**Protanomaly**  
CECBC5

**Deuteranomaly**  
D8C7C7

**Tritanomaly**  
CCCAD2

# Monochromacy



**Original Color**  
CACCC6

**Achromatopsia**  
CBCBCB

**Achromatomaly**  
CBCBC9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CACCC6 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 #CACCC6 looks like.

```
.text, #text, p{  
    color:#CACCC6  
}
```

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 #CACCC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CACCC6
}
```

## Border

The CSS property to change the border of an element to Hex CACCC6 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
#CACCC6 }
```

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

```
.border{ border-color:#CACCC6 }
```

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

Here you see how a box with a 4 pixel #CACCC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CACCC6; -webkit-box-shadow:4px 4px  
4px 4px #CACCC6; box-shadow:4px 4px 4px  
4px #CACCC6 }
```

# Background

The CSS property to change the background color of an element to Hex CACCC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CACCC6 }
```

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

```
.background{ background-color:#CACCC6 }
```

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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