

# Converting Colors

Hex(CCCAC6)

Have a look what the booklet for  
Hex(CCCAC6) contains.

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# **Color**

**Hex(CCCAC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCCAC6
RGB	204, 202, 198
RGB Percent	80%, 79%, 78%
CMY	0.2000, 0.2078, 0.2235
CMYK	0.00, 0.01, 0.03, 0.20
HSL	40°, 6%, 79%
HSV	40°, 3%, 80%
XYZ	56.2154, 59.1556, 61.8814
YIQ	202.1420, 2.4760, -0.8200

# Conversions

## Conversions Part 2

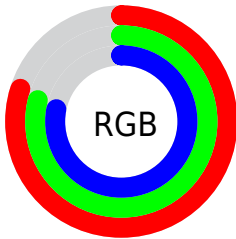
Format	Color
<a href="#">RYB</a>	<a href="#">201, 204, 198</a>
Decimal	<a href="#">13421254</a>
CIELab	<a href="#">81.38, -0.03, 2.23</a>
CIElCh	<a href="#">81, 2.227, 90.657</a>
Yxy	<a href="#">59.1556, 0.3171, 0.3337</a>
Android (android.graphics.Color)	<a href="#">4291611334</a> ( <a href="#">0xFFCCCAC6</a> )
YUV	<a href="#">202.1420, -2.0420, 1.6295</a>
Hunter-Lab	<a href="#">76.9127, -4.1318, 6.1361</a>

# Details

The Hex color `CCCAC6` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `C6C8CC`, and the grayscale version is `CACACA`.

A 20% lighter version of the original color is `FFFFFF`, and `969490` is the 20% darker color. If you saturate the color by 10%, you get `CCC3B2`, and if you desaturate by 10%, it is `CCD1DA`.

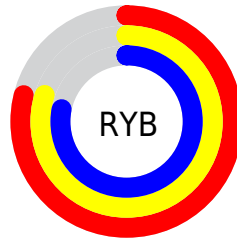
# Distribution



Red (80%)

Green (79%)

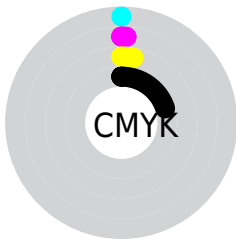
Blue (78%)



Red (79%)

Yellow (80%)

Blue (78%)

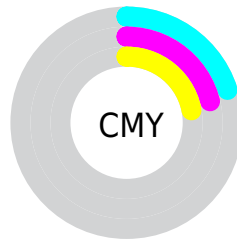


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (20%)



Cyan (20%)

Magenta (21%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCCAC6 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 CCCAC6 by changing the saturation by 10% instead.



■ CCCAC6

FFFFFF

■ CCCAC6

■ B1AFAB

■ 969490

■ 7C7A77

■ 63615E

■ 4B4A46

■ 353330

■ 201E1B

■ 080500

■ 000000

 CCCAC6

 CCCAC6

 CCC3B2

 CCD1DA

 CCBC9D

 CCD8EF

 CCB689

 CCDEFF

 CCAF74

 CCE5FF

 CCA860

 CCECFE

 CCA14C

 CCF3FF

 CC9A37

 CCFAFF

 CC9423

 CCFFFF

 CC8D0E

# Harmonies

## Analogous

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



CEC9C7



CCCAC6



CACBC7

# Triad

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



CCCAC6



C5CBCC



CDC9CC

# Complementary

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



CCCAC6



C6C8CC

# 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.



CBCACE



CCCAC6



C6CBCE

# Square

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



CCCAC6



C6BCBA



C8CACE



CFC9CA

# Rectangle

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



CCCAC6



C8CBC7



C8CACE



CCC9CD



# Sweetspot

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



CCCAC6



FFFEFC



CCC6C8



807F7E



000000



808080

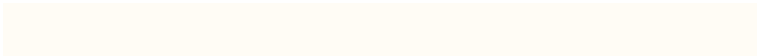


# Same Dimension

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



CCCAC6



FFCF5



CBCCC6



666461



A66E00



261900

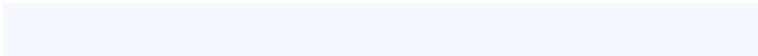


# Inverse Universe

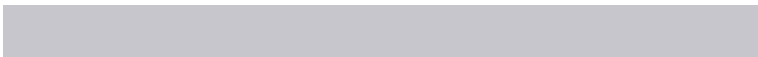
The Inverse Universe completely reimagines the original color for something new.



C6C8CC



F5F8FF



C7C6CC



616366



0037A6

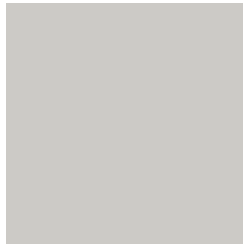


000D26



# Previews

## White Background



This preview shows how the Hex color CCCAC6 looks on a white background.

## Color Contrast Check

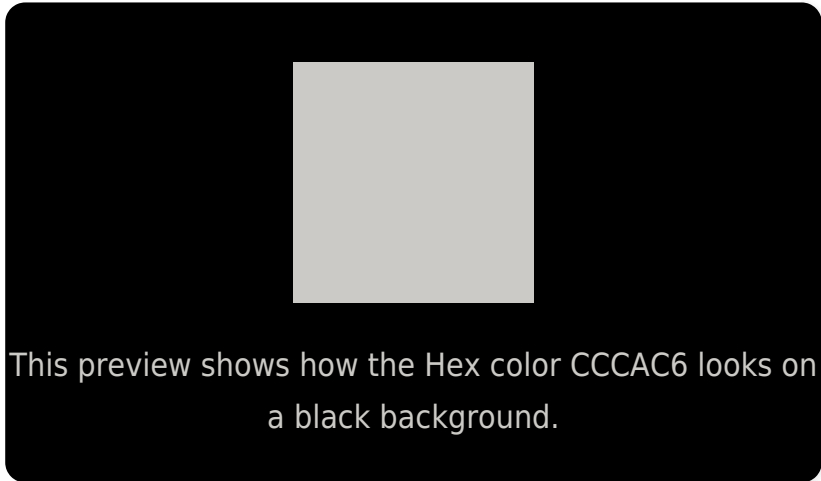
Large Text (above 18pt) WCAG AA × Fail

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

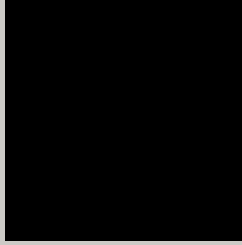
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

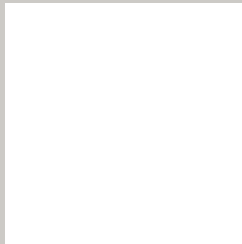
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CCCAC6 Background



This preview shows how black text looks on a background with the Hex color CCCAC6.

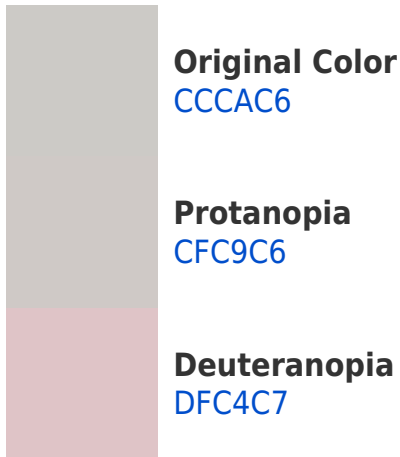


This preview shows how white text looks on a background with the Hex color CCCAC6.

# 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**

CCCAC6

**Protanomaly**

CEC9C6

**Deuteranomaly**

D8C6C7

**Tritanomaly**

CEC8D1

# Monochromacy



**Original Color**

CCCAC6

**Achromatopsia**

CACACA

**Achromatomaly**

CBCAC9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCCAC6 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 #CCCAC6 looks like.

```
.text, #text, p{  
    color:#CCCAC6  
}
```

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 #CCCAC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCCAC6
}
```

## Border

The CSS property to change the border of an element to Hex CCCAC6 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
#CCCAC6 }
```

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

```
.border{ border-color:#CCCAC6 }
```

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

Here you see how a box with a 4 pixel #CCCAC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCCAC6; -webkit-box-shadow:4px 4px  
4px 4px #CCCAC6; box-shadow:4px 4px 4px  
4px #CCCAC6 }
```

# Background

The CSS property to change the background color of an element to Hex CCCAC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCCAC6 }
```

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

```
.background{ background-color:#CCCAC6 }
```

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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