

# Converting Colors

Hex(CBC396)

Have a look what the booklet for  
Hex(CBC396) contains.

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# **Color**

**Hex(CBC396)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBC396
RGB	203, 195, 150
RGB Percent	80%, 76%, 59%
CMY	0.2039, 0.2353, 0.4118
CMYK	0.00, 0.04, 0.26, 0.20
HSL	51°, 34%, 69%
HSV	51°, 26%, 80%
XYZ	49.6487, 53.9287, 36.6467
YIQ	192.2620, 19.2130, -12.2990

# Conversions

## Conversions Part 2

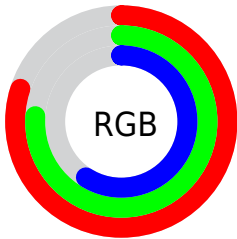
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 203, 150
Decimal	13353878
CIELab	78.42, -4.30, 23.67
CIELCh	78, 24.062, 100.303
Yxy	53.9287, 0.3541, 0.3846
Android (android.graphics.Color)	4291543958 (0xFFCBC396)
YUV	192.2620, -20.8352, 9.4172
Hunter-Lab	73.4362, -7.8331, 21.8180

# Details

The Hex color **CBC396** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **969ECB**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFBCC**, and **948D63** is the 20% darker color. If you saturate the color by 10%, you get **CBC082**, and if you desaturate by 10%, it is **CBC6AA**.

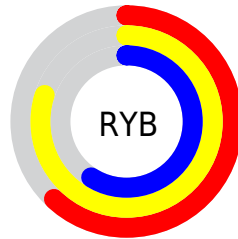
# Distribution



Red (80%)

Green (76%)

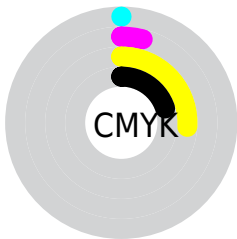
Blue (59%)



Red (62%)

Yellow (80%)

Blue (59%)

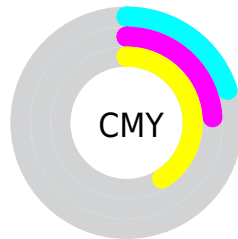


Cyan (0%)

Magenta (4%)

Yellow (26%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBC396 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 CBC396 by changing the saturation by 10% instead.





CBC396



CBC396

FFFFFF



AFA87C



FFFBCC



948D63



FFFFE9



7A744B



615B34



48441E



312E06



1B1900



000000



CBC396



CBC396

 CBC082

 CBC6AA

 CBBD6D

 CBC9BF

 CBBA59

 CBCCD3

 CBB745

 CBCFE7

 CBB431

 CBD2FC

 CBB11C

 CBD5FF

 CBAE08

 CBD8FF

 CBAC00

 CBD CFF

 CBDFFF

# Harmonies

## Analogous

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



E0BC98



CBC396



B2C99F

# Triad

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



CBC396



84CDDE



E5B4D2

# Complementary

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



CBC396



969ECB

# 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.



CFBAE4



CBC396



95C8EB

# Square

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



CBC396



87CFC9



B2C1EE



F0B2BB

# Rectangle

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



CBC396



A1CCAB



B2C1EE



DFB5D9

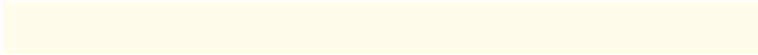


# Sweetspot

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



CBC396



FFFCEB



CB969F



807E73



000000



808080



# Same Dimension

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



CBC396



FFF3B0



B9CB96



66645C



A68D00



262000



# Inverse Universe

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



969ECB



B0BCFF



A896CB



5C5D66



0019A6



000626



# Previews

## White Background



This preview shows how the Hex color CBC396 looks on a white background.

## Color Contrast Check

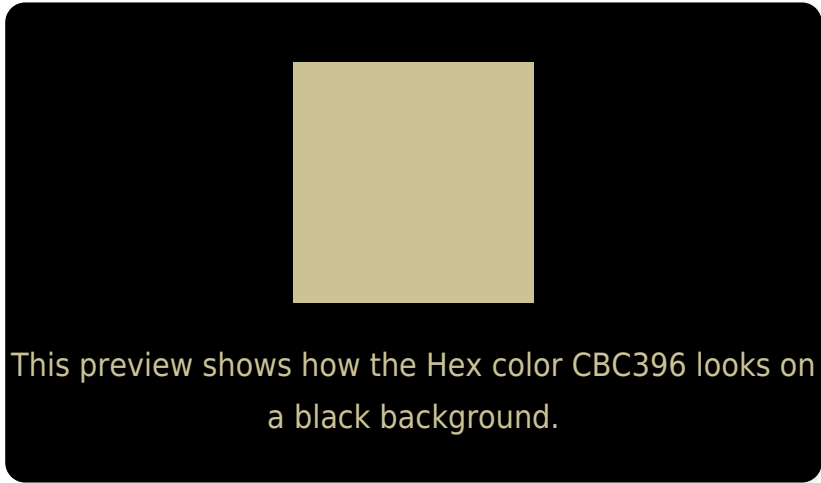
Large Text (above 18pt) WCAG AA × Fail

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

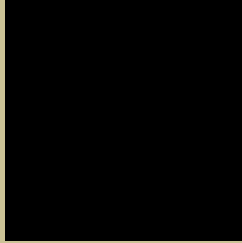
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBC396 Background



This preview shows how black text looks on a background with the Hex color CBC396.



This preview shows how white text looks on a background with the Hex color CBC396.

# 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](#).

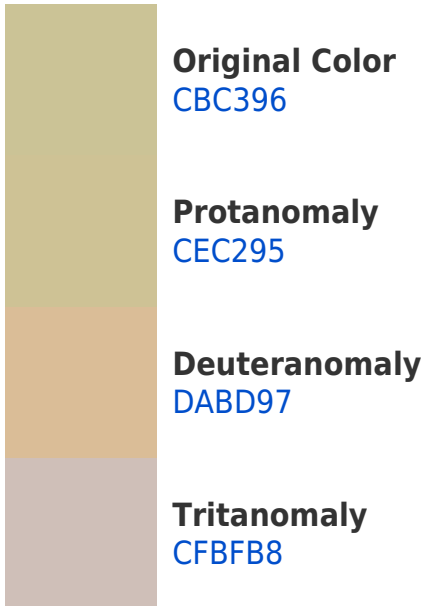
## Dichromacy





**Tritanopia**  
D2BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBC396 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 #CBC396 looks like.

```
.text, #text, p{  
    color:#CBC396  
}
```

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 #CBC396 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBC396
}
```

## Border

The CSS property to change the border of an element to Hex CBC396 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
#CBC396 }
```

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

```
.border{ border-color:#CBC396 }
```

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

Here you see how a box with a 4 pixel #CBC396 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBC396; -webkit-box-shadow:4px 4px  
4px 4px #CBC396; box-shadow:4px 4px 4px  
4px #CBC396 }
```

# Background

The CSS property to change the background color of an element to Hex CBC396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBC396 }
```

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

```
.background{ background-color:#CBC396 }
```

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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