

# Converting Colors

Hex(CCBE6C)

Have a look what the booklet for  
Hex(CCBE6C) contains.

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# **Color**

**Hex(CCBE6C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCBE6C
RGB	204, 190, 108
RGB Percent	80%, 75%, 42%
CMY	0.2000, 0.2549, 0.5765
CMYK	0.00, 0.07, 0.47, 0.20
HSL	51°, 48%, 61%
HSV	51°, 47%, 80%
XYZ	46.0221, 50.7470, 21.5569
YIQ	184.8380, 34.6660, -22.5340

# Conversions

## Conversions Part 2

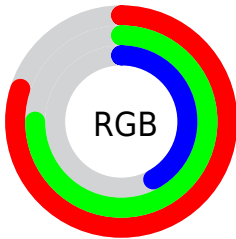
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 204, 108
Decimal	13418092
CIELab	76.53, -6.19, 42.96
CIELCh	77, 43.404, 98.200
Yxy	50.7470, 0.3889, 0.4289
Android (android.graphics.Color)	4291608172 (0xFFCCBE6C)
YUV	184.8380, -37.8811, 16.8051
Hunter-Lab	71.2369, -9.3461, 31.9242

# Details

The Hex color **CCBE6C** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6C7ACC**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFF6A1**, and **94893A** is the 20% darker color. If you saturate the color by 10%, you get **CCBB58**, and if you desaturate by 10%, it is **CCC180**.

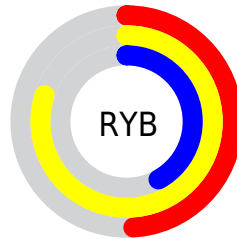
# Distribution



Red (80%)

Green (75%)

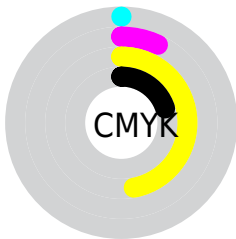
Blue (42%)



Red (49%)

Yellow (80%)

Blue (42%)

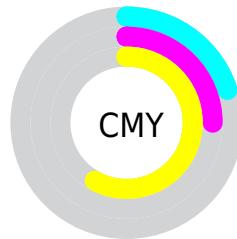


Cyan (0%)

Magenta (7%)

Yellow (47%)

Black (20%)



Cyan (20%)

Magenta (25%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCBE6C 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 CCBE6C by changing the saturation by 10% instead.



 CCBE6C

 CCBE6C

FFFFFF

 B0A353

 FFF6A1

 94893A

 FFFFBC

 797021

 FFFFD9

 5E5704

 FFFFF5

 454000

 2C2A00

 121700

 000000

 CCBE6C

 CCBE6C

 CCBB58

 CCC180

 CCB843

 CCC495

 CCB52F

 CCC7A9

 CCB21A

 CCCABE

 CCAF06

 CCCDD2

 CCAE00

 CCD0E6

 CCD3FB

 CCD6FF

 CCD9FF

# Harmonies

## Analogous

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



EFB073



CCBE6C



A1C97C

# Triad

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



CCBE6C



00D0ED



F8A1DB

# Complementary

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



CCBE6C



6C7ACC

# 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.



D0AEFC



CCBE6C



45C9FF

# Square

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



CCBE6C



28D2C7



93BDFE



FF9DB3

# Rectangle

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



CCBE6C



80CE91



93BDFF



EDA5E8



# Sweetspot

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



CCBE6C



FFFADB



CC6C7A



807C6A



000000



808080



# Same Dimension

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



CCBE6C



FFEA70



AACC6C



66655C



A68E00



262100



# Inverse Universe

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



6C7ACC



7085FF



8E6CCC



5C5D66



0018A6

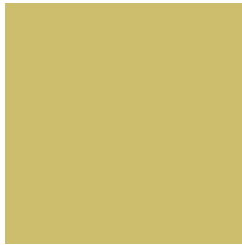


000626



# Previews

## White Background



This preview shows how the Hex color CCBE6C looks on a white background.

## Color Contrast Check

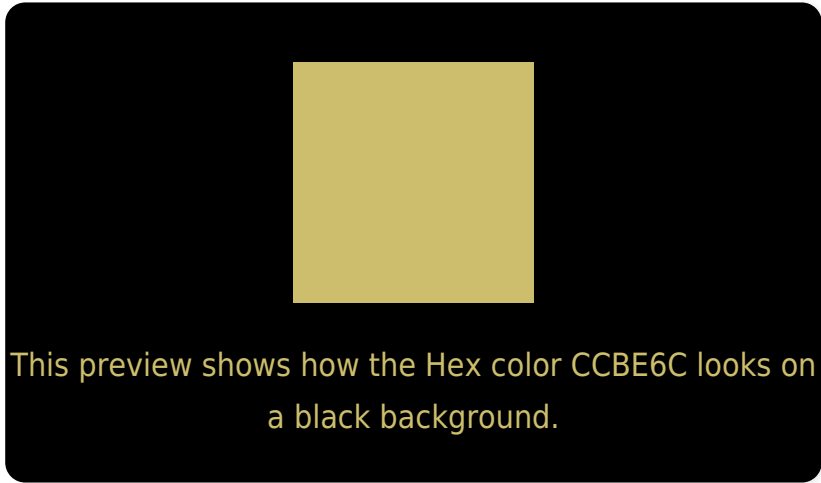
Large Text (above 18pt) WCAG AA × Fail

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

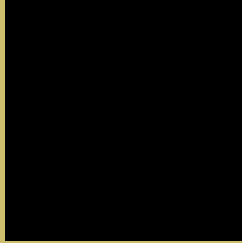
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCBE6C Background



This preview shows how black text looks on a background with the Hex color CCBE6C.



This preview shows how white text looks on a background with the Hex color CCBE6C.

# 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



**Original Color**  
CCBE6C

**Protanopia**  
CFBD6C

**Deuteranopia**  
E6B46E



**Tritanopia**  
D5B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCBE6C 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 #CCBE6C looks like.

```
.text, #text, p{  
    color:#CCBE6C  
}
```

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 #CCBE6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCBE6C
}
```

## Border

The CSS property to change the border of an element to Hex CCBE6C 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
#CCBE6C }
```

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

```
.border{ border-color:#CCBE6C }
```

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

Here you see how a box with a 4 pixel #CCBE6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCBE6C; -webkit-box-shadow:4px 4px  
4px 4px #CCBE6C; box-shadow:4px 4px 4px  
4px #CCBE6C }
```

# Background

The CSS property to change the background color of an element to Hex CCBE6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCBE6C }
```

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

```
.background{ background-color:#CCBE6C }
```

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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