

# Converting Colors

Hex(C6BE66)

Have a look what the booklet for  
Hex(C6BE66) contains.

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# **Color**

**Hex(C6BE66)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6BE66
RGB	198, 190, 102
RGB Percent	78%, 75%, 40%
CMY	0.2235, 0.2549, 0.6000
CMYK	0.00, 0.04, 0.48, 0.22
HSL	55°, 46%, 59%
HSV	55°, 48%, 78%
XYZ	44.1004, 49.7920, 19.8568
YIQ	182.3600, 33.0160, -25.6720

# Conversions

## Conversions Part 2

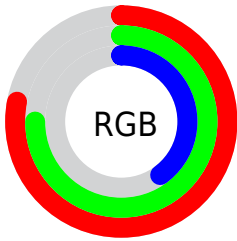
Format	Color
<a href="#">RYB</a>	<a href="#">111, 198, 102</a>
Decimal	<a href="#">13024870</a>
CIELab	<a href="#">75.94, -9.22, 45.10</a>
CIELCh	<a href="#">76, 46.034, 101.548</a>
Yxy	<a href="#">49.7920, 0.3877, 0.4377</a>
Android (android.graphics.Color)	<a href="#">4291214950 (0xFFC6BE66)</a>
YUV	<a href="#">182.3600, -39.6175, 13.7163</a>
Hunter-Lab	<a href="#">70.5634, -11.9279, 32.7100</a>

# Details

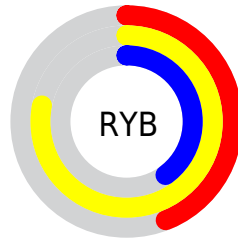
The Hex color **C6BE66** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **666EC6**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFF69B**, and **8E8933** is the 20% darker color. If you saturate the color by 10%, you get **C6BC52**, and if you desaturate by 10%, it is **C6C07A**.

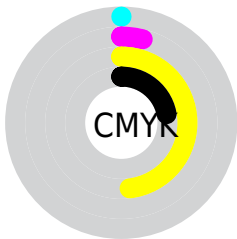
# Distribution



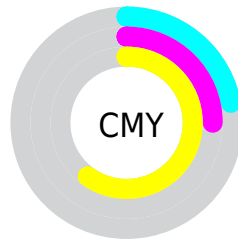
- Red (78%)
- Green (75%)
- Blue (40%)



- Red (44%)
- Yellow (78%)
- Blue (40%)



- Cyan (0%)
- Magenta (4%)
- Yellow (48%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6BE66 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 C6BE66 by changing the saturation by 10% instead.





C6BE66



C6BE66

FFFFFF



AAA34D



FFF69B



8E8933



FFFF66



737019



FFFFD2



595700



FFFEEF



404000



272A00



091700



000000



C6BE66



C6BE66

 C6BC52

 C6C07A

 C6BB3E

 C6C18E

 C6B92B

 C6C3A1

 C6B717

 C6C5B5

 C6B603

 C6C6C9

 C6B600

 C6C8DD

 C6CAF1

 C6CBFF

 C6CDFF

# Harmonies

## Analogous

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



ECB06B



C6BE66



97C97A

# Triad

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



C6BE66



00CFF2



FD9DD7

# Complementary

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



C6BE66



666EC6

# 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.



D5AAFB



C6BE66



3BC7FF

# Square

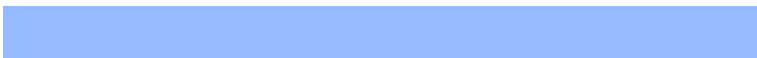
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C6BE66



00D2CB



96BAFF



FF99AC

# Rectangle

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



C6BE66



73CE91



96BAFF



F2A0E4



# Sweetspot

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



C6BE66



FFCD9



C6666E



807E69



000000



808080



# Same Dimension

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



C6BE66



FFF36B



9EC666



63635A



A39600



242100



# Inverse Universe

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



666EC6



6B77FF



8E66C6



5A5A63



000EA3



000324



# Previews

## White Background



This preview shows how the Hex color C6BE66 looks on a white background.

## Color Contrast Check

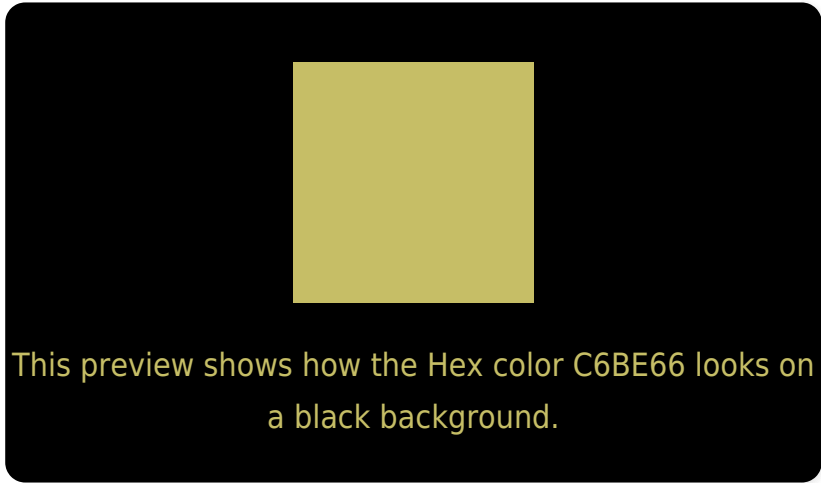
Large Text (above 18pt) WCAG AA × Fail

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

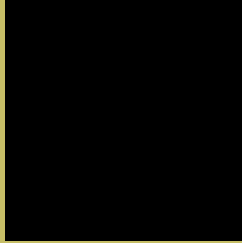
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C6BE66 Background



This preview shows how black text looks on a background with the Hex color C6BE66.



This preview shows how white text looks on a background with the Hex color C6BE66.

# 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**  
C6BE66

**Protanopia**  
CEBB65

**Deuteranopia**  
E4B269



**Tritanopia**  
CFB4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6BE66 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 #C6BE66 looks like.

```
.text, #text, p{  
    color:#C6BE66  
}
```

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 #C6BE66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6BE66
}
```

## Border

The CSS property to change the border of an element to Hex C6BE66 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
#C6BE66 }
```

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

```
.border{ border-color:#C6BE66 }
```

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

Here you see how a box with a 4 pixel #C6BE66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6BE66; -webkit-box-shadow:4px 4px  
4px 4px #C6BE66; box-shadow:4px 4px 4px  
4px #C6BE66 }
```

# Background

The CSS property to change the background color of an element to Hex C6BE66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6BE66 }
```

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

```
.background{ background-color:#C6BE66 }
```

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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