

Converting Colors

Hex(C6BB71)

Have a look what the booklet for
Hex(C6BB71) contains.

Hex(C6BB71)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C6BB71)

Conversions

Conversions Part 1

Format	Color
Hex	C6BB71
RGB	198, 187, 113
RGB Percent	78%, 73%, 44%
CMY	0.2235, 0.2667, 0.5569
CMYK	0.00, 0.06, 0.43, 0.22
HSL	52°, 43%, 61%
HSV	52°, 43%, 78%
XYZ	44.0397, 48.7387, 22.7091
YIQ	181.8530, 30.3100, -20.6820

Conversions

Conversions Part 2

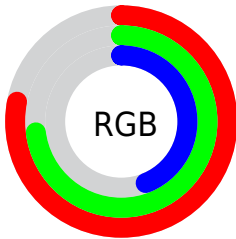
Format	Color
R _Y B	126, 198, 113
Decimal	13024113
CIE Lab	75.29, -6.58, 38.79
CIE LCh	75, 39.341, 99.627
Yxy	48.7387, 0.3813, 0.4220
Android (android.graphics.Color)	4291214193 (0xFFC6BB71)
YUV	181.8530, -33.9445, 14.1609
Hunter-Lab	69.8131, -9.5711, 29.5830

Details

The Hex color **C6BB71** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **717CC6**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFF3A6**, and **8F863F** is the 20% darker color. If you saturate the color by 10%, you get **C6B85D**, and if you desaturate by 10%, it is **C6BE85**.

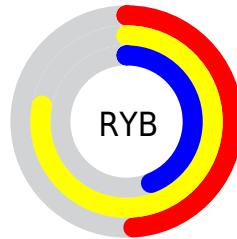
Distribution



Red (78%)

Green (73%)

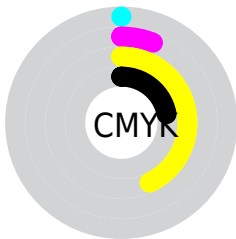
Blue (44%)



Red (49%)

Yellow (78%)

Blue (44%)

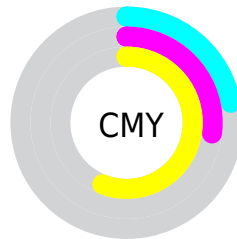


Cyan (0%)

Magenta (6%)

Yellow (43%)

Black (22%)



Cyan (22%)

Magenta (27%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6BB71 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 C6BB71 by changing the saturation by 10% instead.

 C6BB71

 C6BB71

FFFFFF

 AAA058

 FFF3A6

 8F863F

 FFFFC1

 746D27

 FFFFDE

 5A550D

 FFFFFA

 413E00

 292800

 0C1400

 000000

 C6BB71

 C6BB71

 C6B85D

 C6BE85

 C6B649

 C6C099

 C6B336

 C6C3AC

 C6B122

 C6C5C0

 C6AE0E

 C6C8D4

 C6AC00

 C6CAE8

 C6CDFC

 C6CFFF

 C6D2FF

Harmonies

Analogous

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



E7AF76



C6BB71



9EC580

Triad

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



C6BB71



25CBE6



F0A1D3

Complementary

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



C6BB71



717CC6

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.



CDACF1



C6BB71



5AC4FD

Square

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



C6BB71



40CDC4



98B9FF



FF9DAF

Rectangle

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



C6BB71



81C994



98B9FF



E7A4DF

Sweetspot

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



C6BB71



FFFBDE



C6717C



807D6B



000000



808080

Same Dimension

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



C6BB71



FFEE7A



A7C671



63625A



A38E00



241F00

Inverse Universe

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



717CC6



7A8CFF



9071C6



5A5B63



0015A3



000524

Previews

White Background



This preview shows how the Hex color C6BB71 looks on a white background.

Color Contrast Check

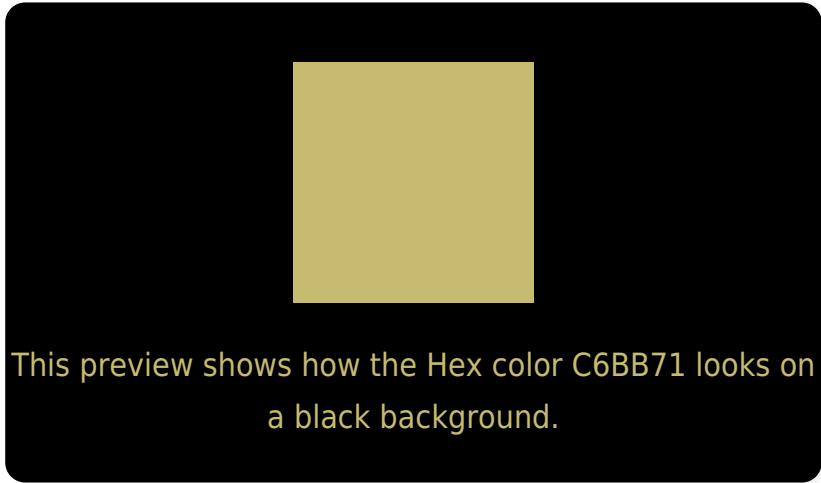
Large Text (above 18pt) WCAG AA × Fail

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

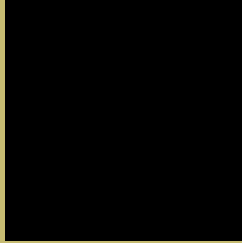
Any Text WCAG AA ✓ Pass

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 C6BB71 Background



This preview shows how black text looks on a background with the Hex color C6BB71.



This preview shows how white text looks on a background with the Hex color C6BB71.

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

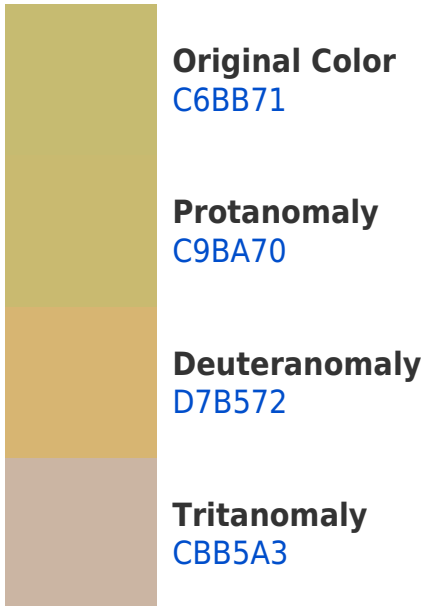


Original Color
C6BB71

Protanopia
CBB970

Deuteranopia
E0B173

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6BB71 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 #C6BB71 looks like.

```
.text, #text, p{  
    color:#C6BB71  
}
```

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 #C6BB71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6BB71
}
```

Border

The CSS property to change the border of an element to Hex C6BB71 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
#C6BB71 }
```

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

```
.border{ border-color:#C6BB71 }
```

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

Here you see how a box with a 4 pixel #C6BB71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6BB71; -webkit-box-shadow:4px 4px  
4px 4px #C6BB71; box-shadow:4px 4px 4px  
4px #C6BB71 }
```

Background

The CSS property to change the background color of an element to Hex C6BB71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6BB71 }
```

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

```
.background{ background-color:#C6BB71 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor