

Converting Colors

Hex(BCC56E)

Have a look what the booklet for
Hex(BCC56E) contains.

Hex(BCC56E)	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(BCC56E)

Conversions

Conversions Part 1

Format	Color
Hex	BCC56E
RGB	188, 197, 110
RGB Percent	74%, 77%, 43%
CMY	0.2627, 0.2275, 0.5686
CMYK	0.05, 0.00, 0.44, 0.23
HSL	66°, 43%, 60%
HSV	66°, 44%, 77%
XYZ	43.5198, 51.7497, 22.4468
YIQ	184.3910, 22.5630, -28.9650

Conversions

Conversions Part 2

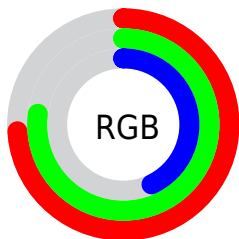
Format	Color
RYB	110, 197, 119
Decimal	12371310
CIELab	77.13, -16.05, 42.42
CIELCh	77, 45.356, 110.723
Yxy	51.7497, 0.3697, 0.4396
Android (android.graphics.Color)	4290561390 (0xFFBCC56E)
YUV	184.3910, -36.6748, 3.1651
Hunter-Lab	71.9372, -17.9033, 31.8556

Details

The Hex color **BCC56E** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **776EC5**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **F5FEA3**, and **858F3C** is the 20% darker color. If you saturate the color by 10%, you get **BAC55A**, and if you desaturate by 10%, it is **BEC582**.

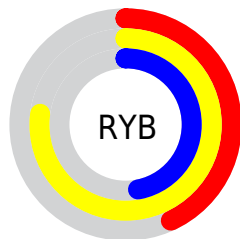
Distribution



Red (74%)

Green (77%)

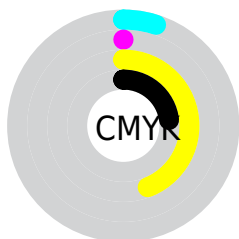
Blue (43%)



Red (43%)

Yellow (77%)

Blue (47%)

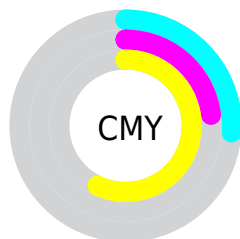


Cyan (5%)

Magenta (0%)

Yellow (44%)

Black (23%)



Cyan (26%)

Magenta (23%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCC56E 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 BCC56E by changing the saturation by 10% instead.

 BCC56E

 BCC56E

FFFFFF

 A0AA54

 F5FEA3

 858F3C

 FFFFBF

 6B7622

 FFFFDB

 515D05

 FFFFF8

 384600

 202F00

 001C00

 000000

 BCC56E

 BCC56E

 BAC55A

 BEC582

 B8C547

 C0C595

 B6C533

 C2C5A9

 B4C51F

 C4C5BD

 B2C50C

 C6C5D1

 B1C500

 C8C5E4

 CAC5F8

 CCC5FF

 CEC5FF

Harmonies

Analogous

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



E5B76B



BCC56E



8BCF88

Triad

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



BCC56E



00D0FE



FF9ECD

Complementary

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



BCC56E



776EC5

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.



E6A9F4



BCC56E



63C7FF

Square

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



BCC56E



00D4DB



AFB8FF



FF9EA3

Rectangle

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



BCC56E



65D3A1



AFB8FF



FFA1DB

Sweetspot

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



BCC56E



FCFFDE



C5776E



7D806B



000000



808080

Same Dimension

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



BCC56E



F1FF78



91C56E



62635A



92A300



202400

Inverse Universe

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



776EC5



8678FF



A26EC5



5B5A63



1100A3



040024

Previews

White Background



This preview shows how the Hex color BCC56E looks on a white background.

Color Contrast Check

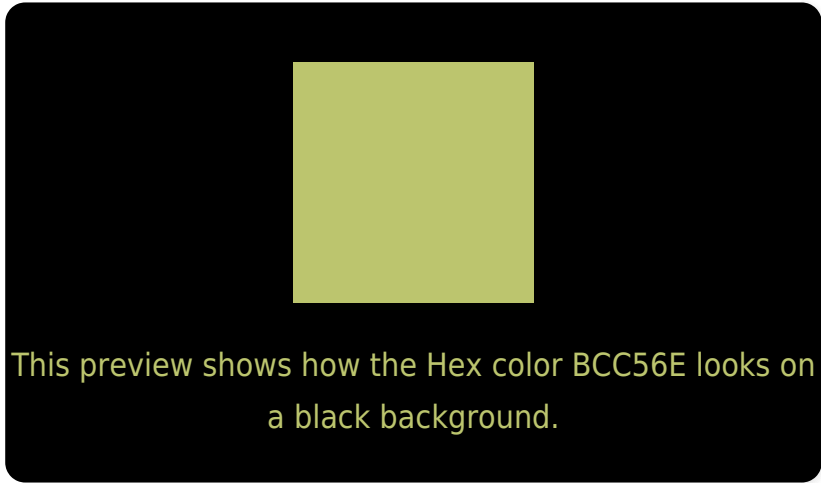
Large Text (above 18pt) WCAG AA × Fail

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

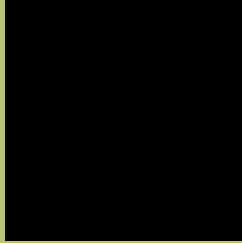
Any Text WCAG AA ✓ Pass

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 BCC56E Background



This preview shows how black text looks on a background with the Hex color BCC56E.



This preview shows how white text looks on a background with the Hex color BCC56E.

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
BCC56E

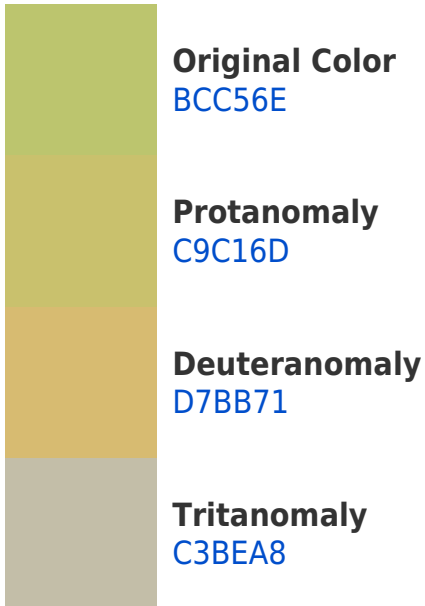
Protanopia
D1BE6C

Deuteranopia
E7B672



Tritanopia
C7BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BCC56E 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 #BCC56E looks like.

```
.text, #text, p{  
    color:#BCC56E  
}
```

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 #BCC56E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCC56E
}
```

Border

The CSS property to change the border of an element to Hex BCC56E 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
#BCC56E }
```

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

```
.border{ border-color:#BCC56E }
```

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

Here you see how a box with a 4 pixel #BCC56E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCC56E; -webkit-box-shadow:4px 4px  
4px 4px #BCC56E; box-shadow:4px 4px 4px  
4px #BCC56E }
```

Background

The CSS property to change the background color of an element to Hex BCC56E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCC56E }
```

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

```
.background{ background-color:#BCC56E }
```

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