

# Converting Colors

Hex(BCEB71)

Have a look what the booklet for  
Hex(BCEB71) contains.

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# Color

Hex(**BCEB71**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BCEB71
RGB	188, 235, 113
RGB Percent	74%, 92%, 44%
CMY	0.2627, 0.0784, 0.5569
CMYK	0.20, 0.00, 0.52, 0.08
HSL	83°, 75%, 68%
HSV	83°, 52%, 92%
XYZ	53.4280, 71.3003, 26.5692
YIQ	207.0390, 11.1500, -47.9060

# Conversions

## Conversions Part 2

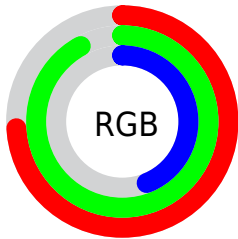
Format	Color
<a href="#">RYB</a>	<a href="#">113, 235, 160</a>
Decimal	<a href="#">12381041</a>
CIELab	<a href="#">87.63, -34.04, 53.69</a>
CIElCh	<a href="#">88, 63.573, 122.369</a>
Yxy	<a href="#">71.3003, 0.3531, 0.4713</a>
Android (android.graphics.Color)	<a href="#">4290571121</a> ( <a href="#">0xFFBCEB71</a> )
YUV	<a href="#">207.0390, -46.3612, -16.6972</a>
Hunter-Lab	<a href="#">84.4395, -34.8255, 40.4519</a>

# Details

The Hex color **BCEB71** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **A071EB**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **F6FFA7**, and **84B33C** is the 20% darker color. If you saturate the color by 10%, you get **B3EB5A**, and if you desaturate by 10%, it is **C5EB89**.

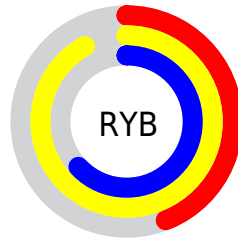
# Distribution



Red (74%)

Green (92%)

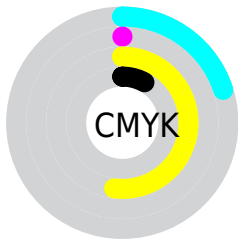
Blue (44%)



Red (44%)

Yellow (92%)

Blue (63%)

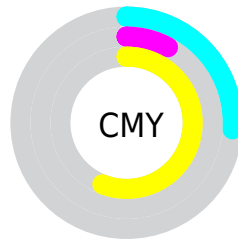


Cyan (20%)

Magenta (0%)

Yellow (52%)

Black (8%)



Cyan (26%)

Magenta (8%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCEB71 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 BCEB71 by changing the saturation by 10% instead.



 BCEB71

 BCEB71

FFFFFF

 A0CF56

 F6FFA7

 84B33C

 FFFFC4

 69981F

 FFFFEO

 4E7E00

FFFFFFD

 336500

 164C00

 003500

 002200

 000000

 BCEB71

 BCEB71

 B3EB5A

 C5EB89

 AAEB42

 CEEBA0

 A1EB2A

 D7EBB8

 98EB13

 E0EBCF

 90EB00

 E9EBE7

 F2EBFE

 FBEBFF

 FFEBFF

# Harmonies

## Analogous

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



FADA5E



BCEB71



6AF6A1

# Triad

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



BCEB71



00F1FF



FFA8D9

# Complementary

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



BCEB71



A071EB

# 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.



FFB3FF



BCEB71



74E1FF

# Square

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



BCEB71



00F9FF



E6CAFF



FFB09E

# Rectangle

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



BCEB71



00F9CA



E6CAFF



FFA9EE



# Sweetspot

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



BCEB71



EFFFD6



EBA071



768067



000000



808080

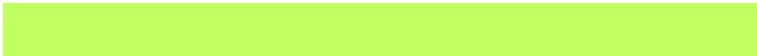


# Same Dimension

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



BCEB71



C2FF61



7FEB71



71756A



6FB500



213600



# Inverse Universe

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



A071EB



9E61FF



DD71EB



6E6A75



4600B5



150036



# Previews

## White Background



This preview shows how the Hex color BCEB71 looks on a white background.

## Color Contrast Check

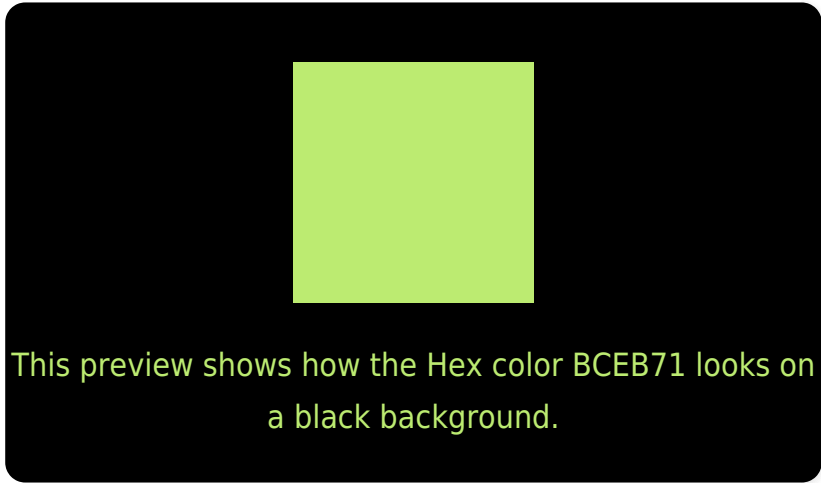
Large Text (above 18pt) WCAG AA × Fail

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 BCEB71 Background



This preview shows how black text looks on a background with the Hex color BCEB71.

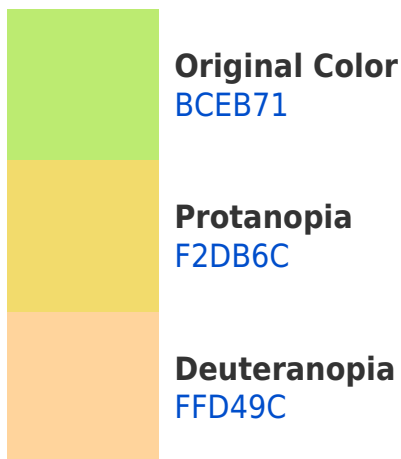


This preview shows how white text looks on a background with the Hex color BCEB71.

# 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





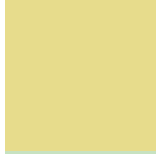
# Trichromacy



**Original Color**  
BCEB71



**Protanomaly**  
DEE16E



**Deuteranomaly**  
E7DC8C

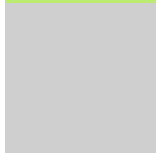


**Tritanomaly**  
C7E2C1

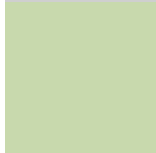
# Monochromacy



**Original Color**  
BCEB71



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
C8D9AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCEB71 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 #BCEB71 looks like.

```
.text, #text, p{  
    color:#BCEB71  
}
```

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 #BCEB71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCEB71
}
```

## Border

The CSS property to change the border of an element to Hex BCEB71 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
#BCEB71 }
```

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

```
.border{ border-color:#BCEB71 }
```

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

Here you see how a box with a 4 pixel #BCEB71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCEB71; -webkit-box-shadow:4px 4px  
4px 4px #BCEB71; box-shadow:4px 4px 4px  
4px #BCEB71 }
```

# Background

The CSS property to change the background color of an element to Hex BCEB71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCEB71 }
```

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

```
.background{ background-color:#BCEB71 }
```

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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