

Converting Colors

Hex(B7CC65)

Have a look what the booklet for
Hex(B7CC65) contains.

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Color

Hex(B7CC65)

Conversions

Conversions Part 1

Format	Color
Hex	B7CC65
RGB	183, 204, 101
RGB Percent	72%, 80%, 40%
CMY	0.2824, 0.2000, 0.6039
CMYK	0.10, 0.00, 0.50, 0.20
HSL	72°, 50%, 60%
HSV	72°, 50%, 80%
XYZ	43.4703, 54.1926, 20.4810
YIQ	185.9790, 20.5470, -36.4850

Conversions

Conversions Part 2

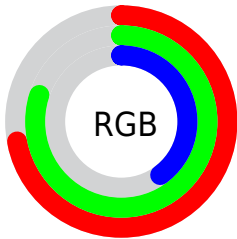
Format	Color
RYB	101, 204, 122
Decimal	12045413
CIELab	78.57, -22.42, 48.46
CIELCh	79, 53.397, 114.821
Yxy	54.1926, 0.3679, 0.4587
Android (android.graphics.Color)	4290235493 (0xFFB7CC65)
YUV	185.9790, -41.8946, -2.6126
Hunter-Lab	73.6156, -23.4225, 35.0355

Details

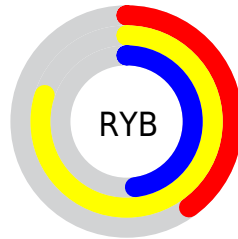
The Hex color **B7CC65** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7A65CC**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **F1FF9A**, and **809631** is the 20% darker color. If you saturate the color by 10%, you get **B3CC51**, and if you desaturate by 10%, it is **BBCC79**.

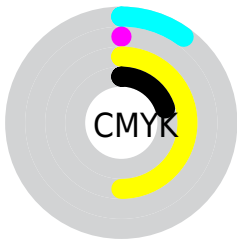
Distribution



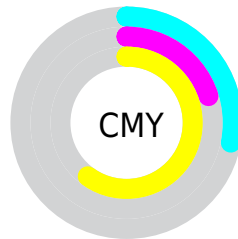
- Red (72%)
- Green (80%)
- Blue (40%)



- Red (40%)
- Yellow (80%)
- Blue (48%)



- Cyan (10%)
- Magenta (0%)
- Yellow (50%)
- Black (20%)



- Cyan (28%)
- Magenta (20%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7CC65 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 B7CC65 by changing the saturation by 10% instead.

 B7CC65

 B7CC65

FFFFFF

 9BB14B

 F1FF9A

 809631

 FFFFB6

 657C15

 FFFFD2

 4B6300

 FFFFEF

 334B00

 183400

 002000

 000000

 B7CC65

 B7CC65

 B3CC51

 BBCC79

 AFCC3C

 BFCC8E

 ABCC28

 C3CCA2

 A6CC13

 C8CCB7

 A2CC00

 CCCCCB

 D0CCDF

 D4CCF4

 D8CCFF

 DCCCCF

Harmonies

Analogous

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



E8BD5D



B7CC65



7BD687

Triad

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



B7CC65



00D6FF



FF9ACD

Complementary

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



B7CC65



7A65CC

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.



F8A6FC



B7CC65



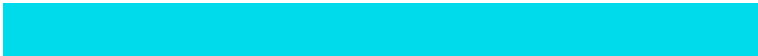
55CAFF

Square

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



B7CC65



00DBEB



B9B9FF



FF9C9B

Rectangle

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



B7CC65



42DAA7



B9B9FF



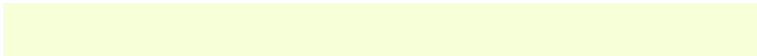
FF9CDE

Sweetspot

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



B7CC65



F7FFD9



CC7A65



7B8069



000000



808080

Same Dimension

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



B7CC65



DFFF63



84CC65



64665C



84A600



1E2600

Inverse Universe

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



7A65CC



8363FF



AD65CC



5E5C66



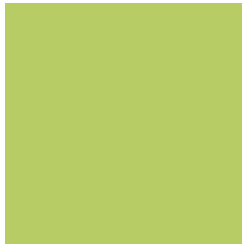
2200A6



080026

Previews

White Background



This preview shows how the Hex color B7CC65 looks on a white background.

Color Contrast Check

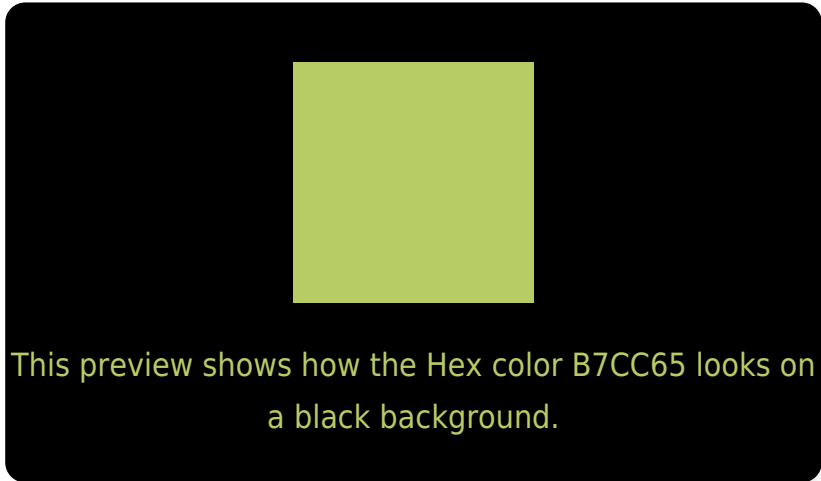
Large Text (above 18pt) WCAG AA × Fail

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 B7CC65 Background



This preview shows how black text looks on a background with the Hex color B7CC65.

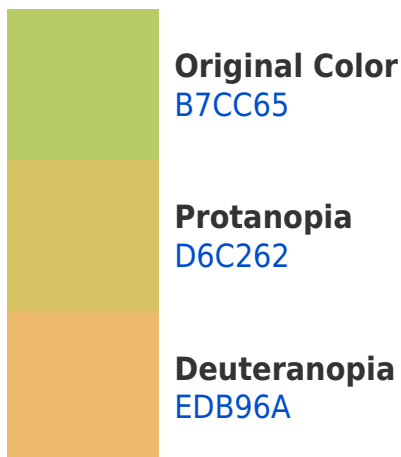


This preview shows how white text looks on a background with the Hex color B7CC65.

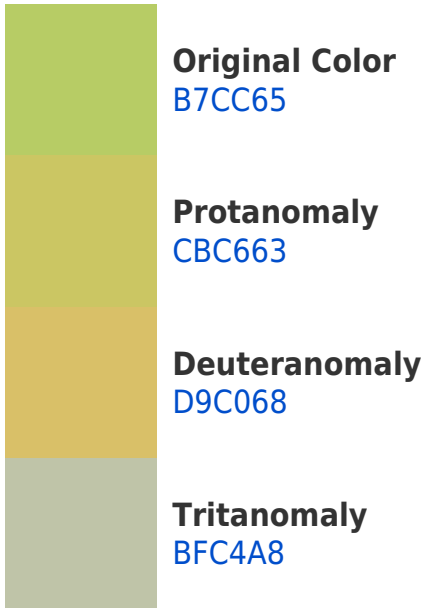
Color Blindness Simulation

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](#).

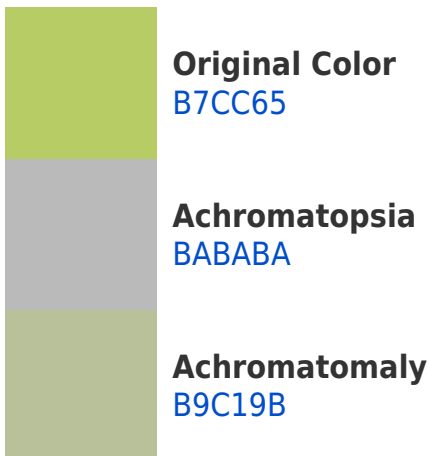
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7CC65 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 #B7CC65 looks like.

```
.text, #text, p{  
    color:#B7CC65  
}
```

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 #B7CC65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7CC65
}
```

Border

The CSS property to change the border of an element to Hex B7CC65 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
#B7CC65 }
```

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

```
.border{ border-color:#B7CC65 }
```

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

Here you see how a box with a 4 pixel #B7CC65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7CC65; -webkit-box-shadow:4px 4px  
4px 4px #B7CC65; box-shadow:4px 4px 4px  
4px #B7CC65 }
```

Background

The CSS property to change the background color of an element to Hex B7CC65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7CC65 }
```

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

```
.background{ background-color:#B7CC65 }
```

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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