

Converting Colors

Hex(B6CC79)

Have a look what the booklet for
Hex(B6CC79) contains.

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Color

Hex(B6CC79)

Conversions

Conversions Part 1

Format	Color
Hex	B6CC79
RGB	182, 204, 121
RGB Percent	71%, 80%, 47%
CMY	0.2863, 0.2000, 0.5255
CMYK	0.11, 0.00, 0.41, 0.20
HSL	76°, 45%, 64%
HSV	76°, 41%, 80%
XYZ	44.3355, 54.5113, 26.2742
YIQ	187.9600, 13.5310, -30.4770

Conversions

Conversions Part 2

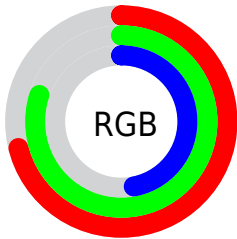
Format	Color
RYB	121, 204, 143
Decimal	11979897
CIELab	78.76, -20.67, 38.86
CIELCh	79, 44.020, 118.011
Yxy	54.5113, 0.3543, 0.4357
Android (android.graphics.Color)	4290169977 (0xFFB6CC79)
YUV	187.9600, -33.0113, -5.2269
Hunter-Lab	73.8318, -22.0176, 30.5830

Details

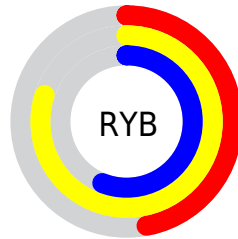
The Hex color **B6CC79** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8F79CC**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **EFFFAE**, and **809646** is the 20% darker color. If you saturate the color by 10%, you get **B1CC65**, and if you desaturate by 10%, it is **BBCC8D**.

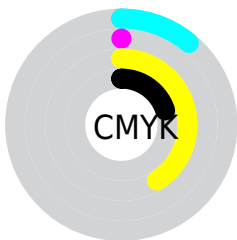
Distribution



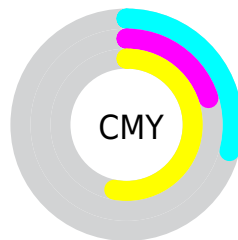
- Red (71%)
- Green (80%)
- Blue (47%)



- Red (47%)
- Yellow (80%)
- Blue (56%)



- Cyan (11%)
- Magenta (0%)
- Yellow (41%)
- Black (20%)



- Cyan (29%)
- Magenta (20%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6CC79 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 B6CC79 by changing the saturation by 10% instead.

 B6CC79

FFFFFF

 EFFFFA

 FFFFC A

 FFFF E7

 B6CC79

 9BB15F

 809646

 667C2E

 4C6315

 344B00

 1C3400

 002000

 000000

 B6CC79

 B6CC79

 B1CC65

 BBCC8D

 ABCC50

 C1CCA2

 A6CC3C

 C6CCB6

 A0CC27

 CCCCCB

 9BCC13

 D1CCDF

 96CC00

 D6CCF3

 DCCCFE

 E1CCFE

 E7CCFE

Harmonies

Analogous

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



E0C070



B6CC79



85D496

Triad

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



B6CC79



28D2FF



FFA3C7

Complementary

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



B6CC79



8F79CC

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.



F4ABEF



B6CC79



80C8FF

Square

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



B6CC79



00D8E8



C3B9FF



FFA69F

Rectangle

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



B6CC79



5FD8B1



C3B9FF



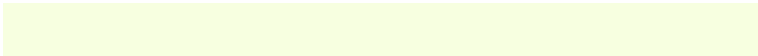
FFA4D5

Sweetspot

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



B6CC79



F7FFE0



CC8E79



7B806E



000000



808080

Same Dimension

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



B6CC79



DEFF82



8ECC79



63665C



7AA600



1C2600

Inverse Universe

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



8F79CC



A382FF



B779CC



5F5C66



2C00A6



0A0026

Previews

White Background



This preview shows how the Hex color B6CC79 looks on a white background.

Color Contrast Check

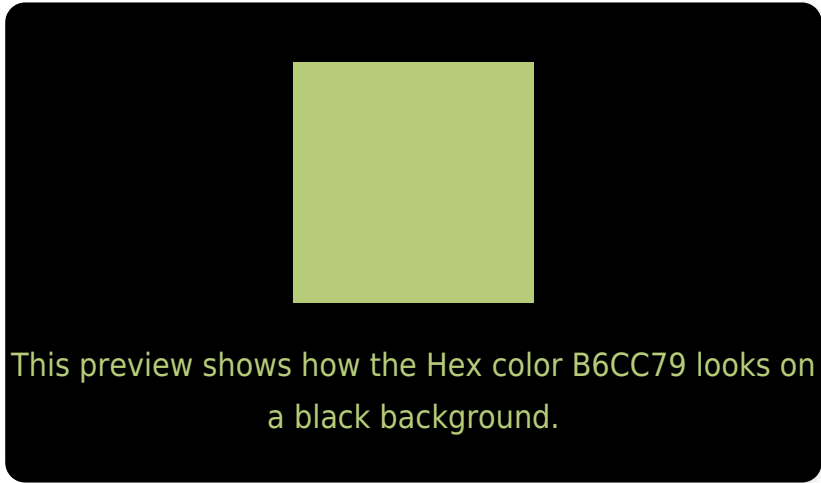
Large Text (above 18pt) WCAG AA × Fail

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

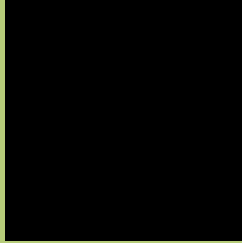
Any Text WCAG AA ✓ Pass

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 B6CC79 Background



This preview shows how black text looks on a background with the Hex color B6CC79.

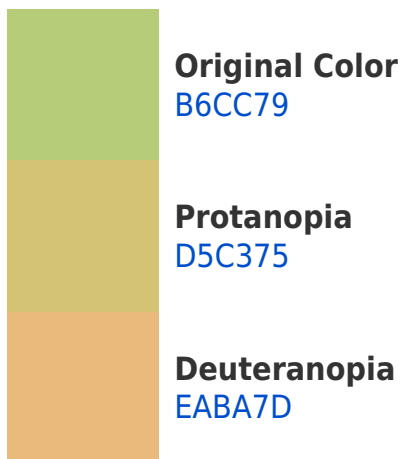


This preview shows how white text looks on a background with the Hex color B6CC79.

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](#).

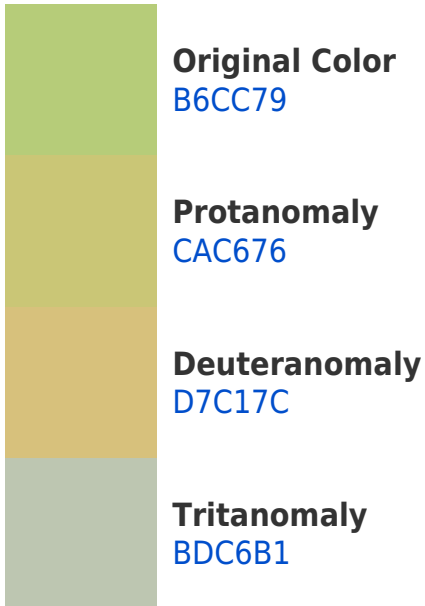
Dichromacy



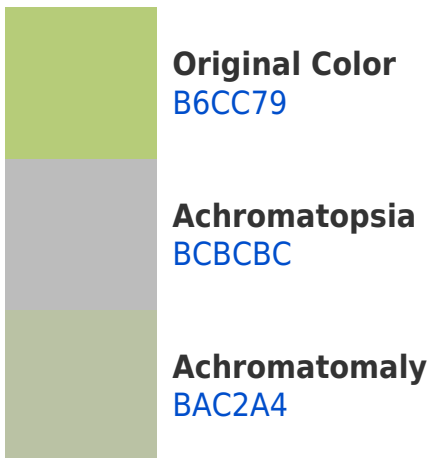


Tritanopia
C1C2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6CC79 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 #B6CC79 looks like.

```
.text, #text, p{  
    color:#B6CC79  
}
```

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 #B6CC79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6CC79
}
```

Border

The CSS property to change the border of an element to Hex B6CC79 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
#B6CC79 }
```

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

```
.border{ border-color:#B6CC79 }
```

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

Here you see how a box with a 4 pixel #B6CC79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6CC79; -webkit-box-shadow:4px 4px  
4px 4px #B6CC79; box-shadow:4px 4px 4px  
4px #B6CC79 }
```

Background

The CSS property to change the background color of an element to Hex B6CC79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6CC79 }
```

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

```
.background{ background-color:#B6CC79 }
```

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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