

Converting Colors

Hex(B6CD71)

Have a look what the booklet for
Hex(B6CD71) contains.

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Color

Hex(**B6CD71**)

Conversions

Conversions Part 1

Format	Color
Hex	B6CD71
RGB	182, 205, 113
RGB Percent	71%, 80%, 44%
CMY	0.2863, 0.1961, 0.5569
CMYK	0.11, 0.00, 0.45, 0.20
HSL	75°, 48%, 62%
HSV	75°, 45%, 80%
XYZ	44.1034, 54.8000, 23.8757
YIQ	187.6350, 15.8240, -33.4880

Conversions

Conversions Part 2

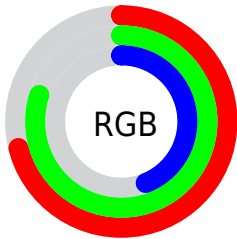
Format	Color
RYB	113, 205, 136
Decimal	11980145
CIELab	78.93, -22.07, 43.06
CIELCh	79, 48.388, 117.138
Yxy	54.8000, 0.3592, 0.4463
Android (android.graphics.Color)	4290170225 (0xFFB6CD71)
YUV	187.6350, -36.7951, -4.9419
Hunter-Lab	74.0270, -23.2016, 32.6963

Details

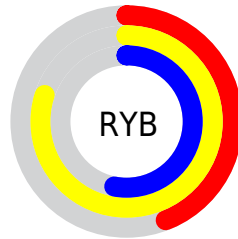
The Hex color **B6CD71** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8871CD**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **EFFFA6**, and **7F973E** is the 20% darker color. If you saturate the color by 10%, you get **B1CD5D**, and if you desaturate by 10%, it is **BBCD85**.

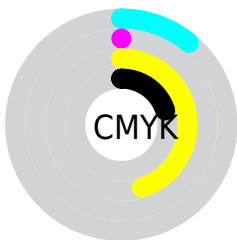
Distribution



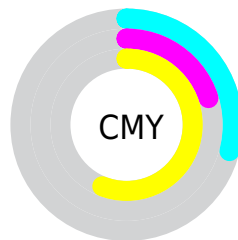
- Red (71%)
- Green (80%)
- Blue (44%)



- Red (44%)
- Yellow (80%)
- Blue (53%)



- Cyan (11%)
- Magenta (0%)
- Yellow (45%)
- Black (20%)



- Cyan (29%)
- Magenta (20%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6CD71 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 B6CD71 by changing the saturation by 10% instead.

 B6CD71

 B6CD71

FFFFFF

 9AB257

 EFFFFA6

 7F973E

 FFFFC2

 657D25

 FFFFDE

 4B6408

 FFFFFB

 334C00

 1A3500

 002000

 000000

 B6CD71

 B6CD71

 B1CD5D

 BBCD85

 ACCD48

 C0CD9A

 A7CD34

 C5CDAF

 A2CD1F

 CBCDC3

 9CCD0B

 D0CDD8

 9ACD00

 D5CDEC

 DACDFF

 DFCDFF

 E4CDFF

Harmonies

Analogous

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



E3BF68



B6CD71



80D691

Triad

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



B6CD71



00D5FF



FF9FCA

Complementary

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



B6CD71



8871CD

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.



F8A9F5



B6CD71



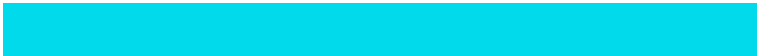
72C9FF

Square

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



B6CD71



00DAEB



C1B9FF



FFA29D

Rectangle

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



B6CD71



52DAAE



C1B9FF



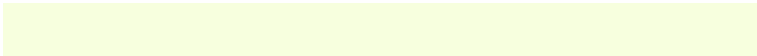
FFA1D9

Sweetspot

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



B6CD71



F7FFDE



CD8871



7A806B



000000



808080

Same Dimension

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



B6CD71



DFF75



88CD71



63665C



7CA600



1D2600

Inverse Universe

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



8871CD



9875FF



B671CD



5E5C66



2900A6



0A0026

Previews

White Background



This preview shows how the Hex color B6CD71 looks on a white background.

Color Contrast Check

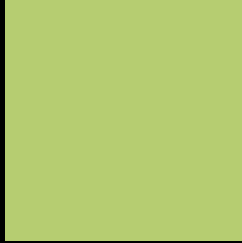
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B6CD71 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

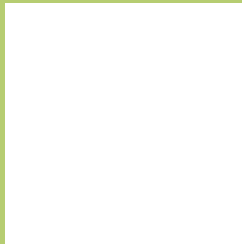
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B6CD71 Background



This preview shows how black text looks on a background with the Hex color B6CD71.

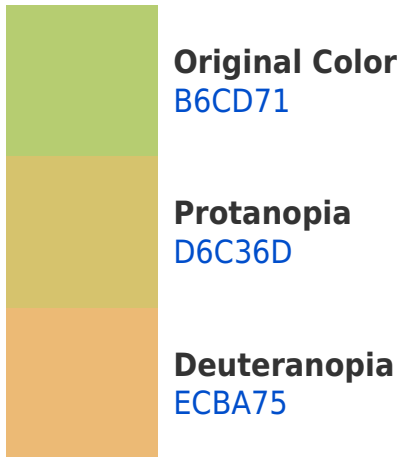


This preview shows how white text looks on a background with the Hex color B6CD71.

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](#).

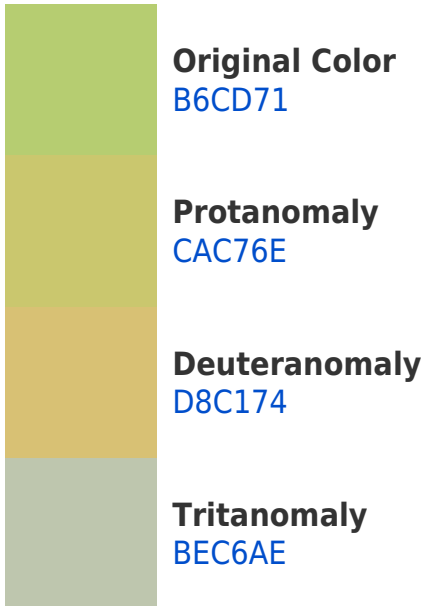
Dichromacy



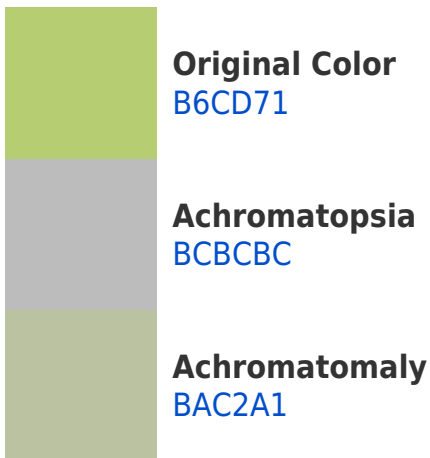


Tritanopia
C2C2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6CD71 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 #B6CD71 looks like.

```
.text, #text, p{  
    color:#B6CD71  
}
```

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 #B6CD71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6CD71
}
```

Border

The CSS property to change the border of an element to Hex B6CD71 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
#B6CD71 }
```

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

```
.border{ border-color:#B6CD71 }
```

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

Here you see how a box with a 4 pixel #B6CD71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6CD71; -webkit-box-shadow:4px 4px  
4px 4px #B6CD71; box-shadow:4px 4px 4px  
4px #B6CD71 }
```

Background

The CSS property to change the background color of an element to Hex B6CD71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6CD71 }
```

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

```
.background{ background-color:#B6CD71 }
```

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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