

Converting Colors

Hex(B4CD60)

Have a look what the booklet for
Hex(B4CD60) contains.

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Color

Hex(B4CD60)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B4CD60 |
| RGB | 180, 205, 96 |
| RGB Percent | 71%, 80%, 38% |
| CMY | 0.2941, 0.1961, 0.6235 |
| CMYK | 0.12, 0.00, 0.53, 0.20 |
| HSL | 74°, 52%, 59% |
| HSV | 74°, 53%, 80% |
| XYZ | 42.7650, 54.2105, 19.2760 |
| YIQ | 185.0990, 20.0890, -39.1990 |

Conversions

Conversions Part 2

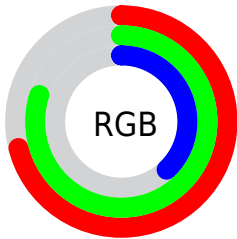
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 96, 205, 121 |
| Decimal | 11849056 |
| CIELab | 78.58, -24.55, 50.78 |
| CIELCh | 79, 56.401, 115.808 |
| Yxy | 54.2105, 0.3679, 0.4663 |
| Android (android.graphics.Color) | 4290039136 (0xFFB4CD60) |
| YUV | 185.0990, -43.9258, -4.4718 |
| Hunter-Lab | 73.6278, -25.1709, 36.0171 |

Details

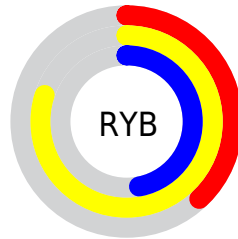
The Hex color **B4CD60** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7960CD**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **EEFF95**, and **7D972B** is the 20% darker color. If you saturate the color by 10%, you get **AFCD4C**, and if you desaturate by 10%, it is **B9CD75**.

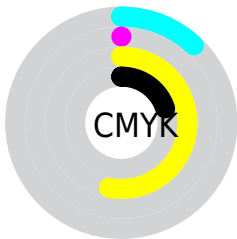
Distribution



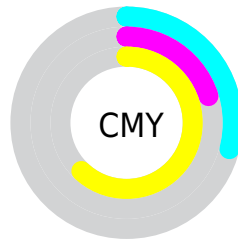
- Red (71%)
- Green (80%)
- Blue (38%)



- Red (38%)
- Yellow (80%)
- Blue (47%)



- Cyan (12%)
- Magenta (0%)
- Yellow (53%)
- Black (20%)



- Cyan (29%)
- Magenta (20%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4CD60 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 B4CD60 by changing the saturation by 10% instead.

 B4CD60

 B4CD60

FFFFFF

 98B246

 EEFF95

 7D972B

 FFFFB1

 627D0C

 FFFFCD

 486400

 FFFFEA

 2F4C00

 143500

 002100

 000000

 B4CD60

 B4CD60

 AFCD4C

 B9CD75

 ABCD37

 BDCD89

 A6CD23

 C2CD9E

 A1CD0E

 C7CDB2

 9ECD00

 CCCDC7

 D0CDDB

 D5CDF0

 DACDFF

 DECDFF

Harmonies

Analogous

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



E8BD57



B4CD60



73D785

Triad

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



B4CD60



00D7FF



FF97CC

Complementary

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



B4CD60



7960CD

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.



FCA3FE



B4CD60



4BCAFF

Square

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



B4CD60



00DCEE



BAB8FF



FF9A98

Rectangle

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



B4CD60



2CDBA7



BAB8FF



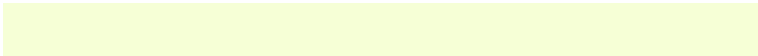
FF99DE

Sweetspot

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



B4CD60



F6FFD6



CD7860



7A8067



000000



808080

Same Dimension

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



B4CD60



DAFF5C



7FCD60



64665C



80A600



1D2600

Inverse Universe

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



7960CD



815CFF



AE60CD



5E5C66



2600A6



090026

Previews

White Background



This preview shows how the Hex color B4CD60 looks on a white background.

Color Contrast Check

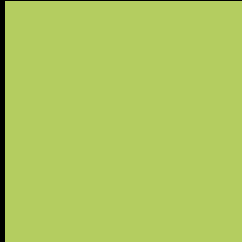
Large Text (above 18pt) WCAG AA × Fail

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 B4CD60 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

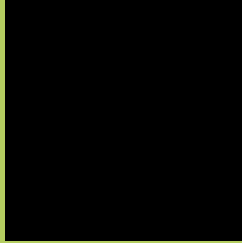
Any Text WCAG AA ✓ Pass

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 B4CD60 Background



This preview shows how black text looks on a background with the Hex color B4CD60.

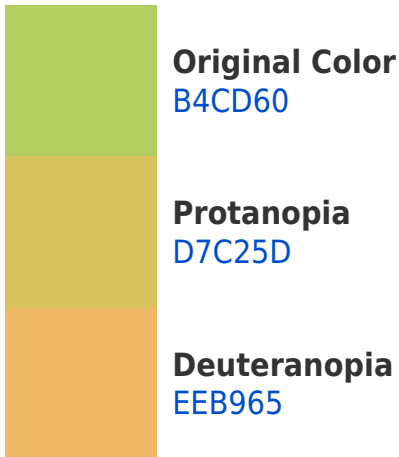


This preview shows how white text looks on a background with the Hex color B4CD60.

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](#).

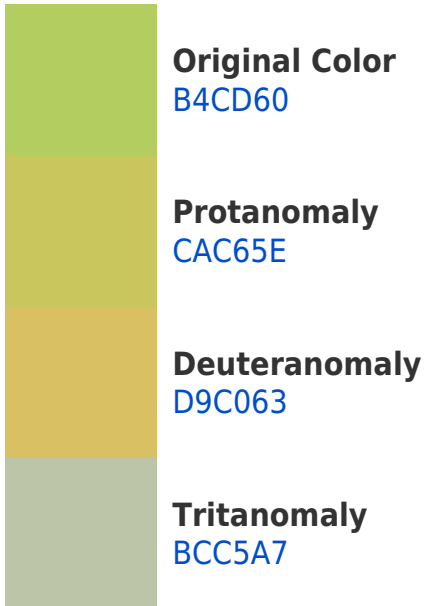
Dichromacy



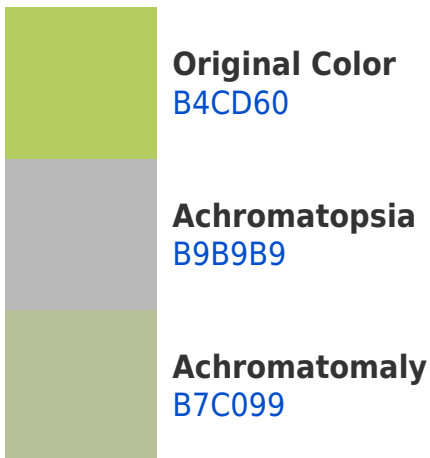


Tritanopia
C1C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4CD60 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 #B4CD60 looks like.

```
.text, #text, p{  
    color:#B4CD60  
}
```

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 #B4CD60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4CD60
}
```

Border

The CSS property to change the border of an element to Hex B4CD60 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
#B4CD60 }
```

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

```
.border{ border-color:#B4CD60 }
```

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

Here you see how a box with a 4 pixel #B4CD60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4CD60; -webkit-box-shadow:4px 4px  
4px 4px #B4CD60; box-shadow:4px 4px 4px  
4px #B4CD60 }
```

Background

The CSS property to change the background color of an element to Hex B4CD60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4CD60 }
```

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

```
.background{ background-color:#B4CD60 }
```

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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