

Converting Colors

Hex(B2CD62)

Have a look what the booklet for
Hex(B2CD62) contains.

Hex(B2CD62)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B2CD62)

Conversions

Conversions Part 1

Format	Color
Hex	B2CD62
RGB	178, 205, 98
RGB Percent	70%, 80%, 38%
CMY	0.3020, 0.1961, 0.6157
CMYK	0.13, 0.00, 0.52, 0.20
HSL	75°, 52%, 59%
HSV	75°, 52%, 80%
XYZ	42.3960, 54.0095, 19.7456
YIQ	184.7290, 18.2550, -39.0010

Conversions

Conversions Part 2

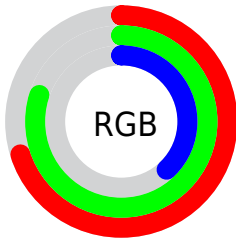
Format	Color
RYB	98, 205, 125
Decimal	11717986
CIELab	78.47, -25.16, 49.67
CIELCh	78, 55.676, 116.860
Yxy	54.0095, 0.3650, 0.4650
Android (android.graphics.Color)	4289908066 (0xFFB2CD62)
YUV	184.7290, -42.7574, -5.9013
Hunter-Lab	73.4911, -25.6353, 35.5137

Details

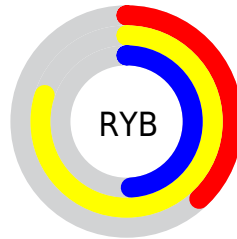
The Hex color **B2CD62** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **7D62CD**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **EBFF97**, and **7B972E** is the 20% darker color. If you saturate the color by 10%, you get **ADCD4E**, and if you desaturate by 10%, it is **B7CD77**.

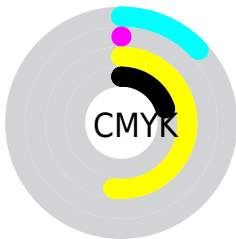
Distribution



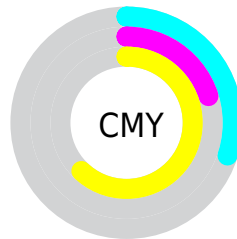
- Red (70%)
- Green (80%)
- Blue (38%)



- Red (38%)
- Yellow (80%)
- Blue (49%)



- Cyan (13%)
- Magenta (0%)
- Yellow (52%)
- Black (20%)



- Cyan (30%)
- Magenta (20%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2CD62 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 B2CD62 by changing the saturation by 10% instead.

 B2CD62

 B2CD62

FFFFFF

 96B148

 EBFF97

 7B972E

 FFFFB3

 607D10

 FFFFCE

 466400

 FFFFEC

 2E4C00

 123500

 002100

 000000

 B2CD62

 B2CD62

 ADCD4E

 B7CD77

 A8CD39

 BCCD8B

 A2CD25

 C2CDA0

 9DCD10

 C7CDB4

 99CD00

 CCCDC9

 D1CDDD

 D6CDF2

 DBCDFF

 E1CDFF

Harmonies

Analogous

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



E5BD58



B2CD62



72D787

Triad

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



B2CD62



00D6FF



FF97CA

Complementary

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



B2CD62



7D62CD

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.



FDA3FB



B2CD62



54C9FF

Square

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



B2CD62



00DCEF



BDB7FF



FF9A96

Rectangle

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



B2CD62



2ADBA9



BDB7FF



FF99DB

Sweetspot

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



B2CD62



F5FFD6



CD7D62



798067



000000



808080

Same Dimension

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



B2CD62



D6FF5E



7DCD62



63665C



7CA600



1D2600

Inverse Universe

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



7D62CD



875EFF



B262CD



5E5C66



2A00A6



0A0026

Previews

White Background



This preview shows how the Hex color B2CD62 looks on a white background.

Color Contrast Check

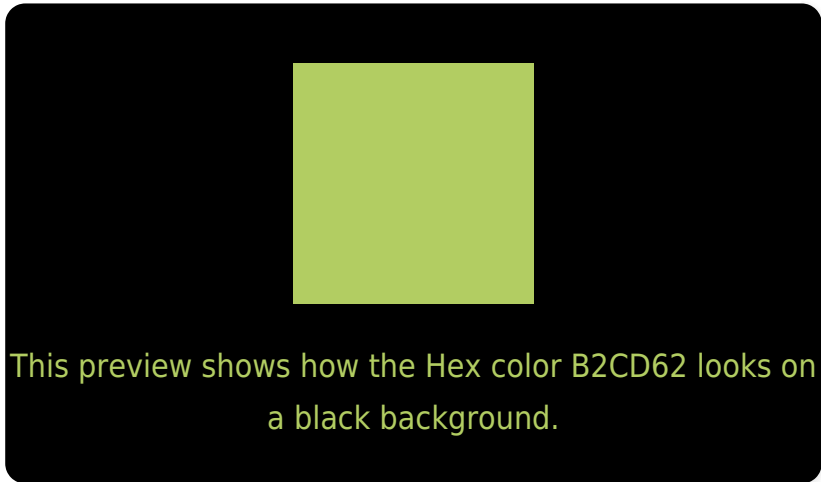
Large Text (above 18pt) WCAG AA × Fail

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 B2CD62 Background



This preview shows how black text looks on a background with the Hex color B2CD62.

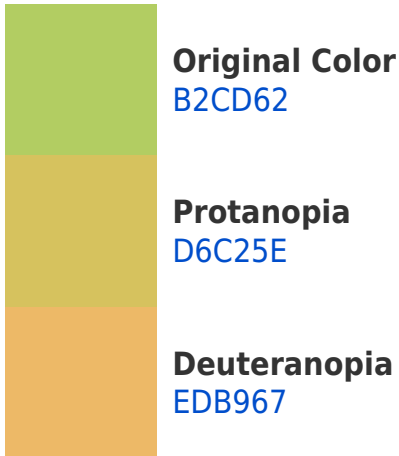


This preview shows how white text looks on a background with the Hex color B2CD62.

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](#).

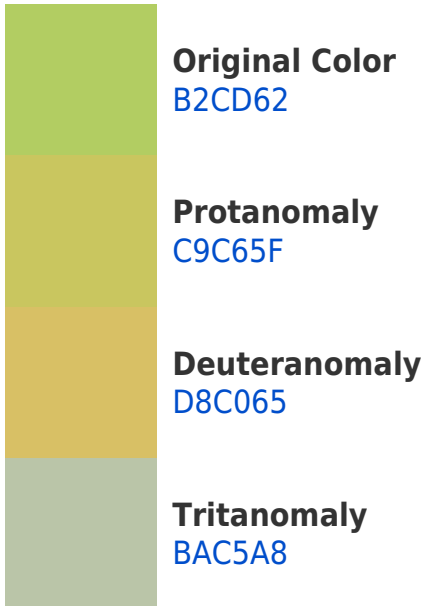
Dichromacy



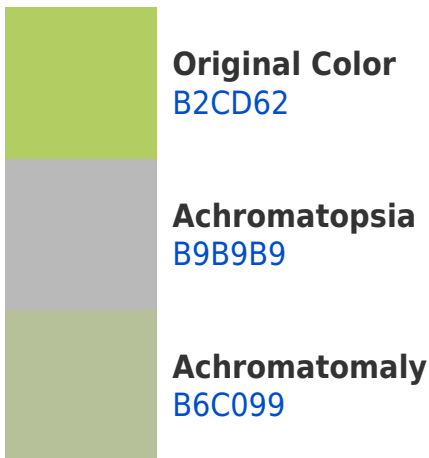


Tritanopia
BFC1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2CD62 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 #B2CD62 looks like.

```
.text, #text, p{  
    color:#B2CD62  
}
```

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 #B2CD62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2CD62
}
```

Border

The CSS property to change the border of an element to Hex B2CD62 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
#B2CD62 }
```

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

```
.border{ border-color:#B2CD62 }
```

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

Here you see how a box with a 4 pixel #B2CD62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2CD62; -webkit-box-shadow:4px 4px  
4px 4px #B2CD62; box-shadow:4px 4px 4px  
4px #B2CD62 }
```

Background

The CSS property to change the background color of an element to Hex B2CD62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2CD62 }
```

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

```
.background{ background-color:#B2CD62 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor