

Converting Colors

Hex(B1BD61)

Have a look what the booklet for
Hex(B1BD61) contains.

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Color

Hex(B1BD61)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B1BD61 |
| RGB | 177, 189, 97 |
| RGB Percent | 69%, 74%, 38% |
| CMY | 0.3059, 0.2588, 0.6196 |
| CMYK | 0.06, 0.00, 0.49, 0.26 |
| HSL | 68°, 41%, 56% |
| HSV | 68°, 49%, 74% |
| XYZ | 38.4867, 46.6054, 18.2765 |
| YIQ | 174.9240, 22.3800, -31.1560 |

Conversions

Conversions Part 2

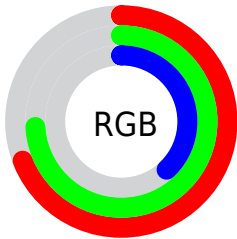
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 97, 189, 109 |
| Decimal | 11648353 |
| CIE _{Lab} | 73.94, -17.75, 44.74 |
| CIE _{LCh} | 74, 48.130, 111.640 |
| Y _{xy} | 46.6054, 0.3723, 0.4509 |
| Android (android.graphics.Color) | 4289838433 (0xFFB1BD61) |
| YUV | 174.9240, -38.4165, 1.8207 |
| Hunter-Lab | 68.2681, -18.8384, 31.9148 |

Details

The Hex color **B1BD61** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6D61BD**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **EAF596**, and **7A882E** is the 20% darker color. If you saturate the color by 10%, you get **AFBD4E**, and if you desaturate by 10%, it is **B3BD74**.

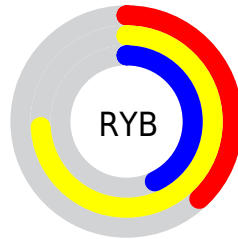
Distribution



Red (69%)

Green (74%)

Blue (38%)



Red (38%)

Yellow (74%)

Blue (43%)

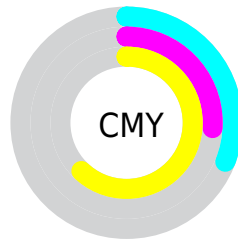


Cyan (6%)

Magenta (0%)

Yellow (49%)

Black (26%)



Cyan (31%)

Magenta (26%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1BD61 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 B1BD61 by changing the saturation by 10% instead.

 B1BD61

 B1BD61

FFFFFF

 95A248

 EAF596

 7A882E

 FFFFB1

 606E13

 FFFFCD

 475600

 FFFFEA

 2F3F00

 152900

 001600

 000000

 B1BD61

 B1BD61

 AFBD4E

 B3BD74

 ACBD3B

 B6BD87

 AABD28

 B8BD9A

 A7BD15

 BBBDAD

 A5BD02

 BDBDC0

 A4BD00

 C0BDD2

 C2BDE5

 C5BDF8

 C7BDFE

Harmonies

Analogous

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



DCAF5D



B1BD61



7DC77D

Triad

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



B1BD61



00C8FA



FF93C4

Complementary

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



B1BD61



6D61BD

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.



E19EED



B1BD61



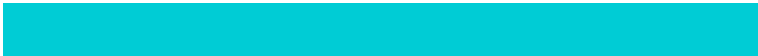
4FBEFF

Square

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



B1BD61



00CCD5



A7AFFF



FF9397

Rectangle

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



B1BD61



51CB98



A7AFFF



FA95D3

Sweetspot

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



B1BD61



F0F5D0



BD6C61



787A64



FAFAFA



7A7A7A

Same Dimension

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



B1BD61



E2F567



84BD61



5D5E55



899E00



1B1F00

Inverse Universe

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



6D61BD



7967F5



9A61BD



56555E



15009E



04001F

Previews

White Background



This preview shows how the Hex color B1BD61 looks on a white background.

Color Contrast Check

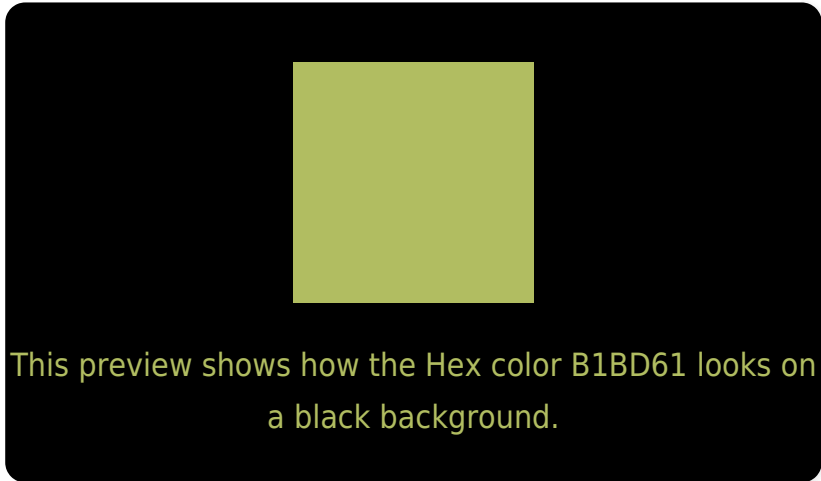
Large Text (above 18pt) WCAG AA × Fail

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

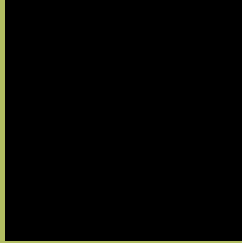
Any Text WCAG AA ✓ Pass

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 B1BD61 Background



This preview shows how black text looks on a background with the Hex color B1BD61.

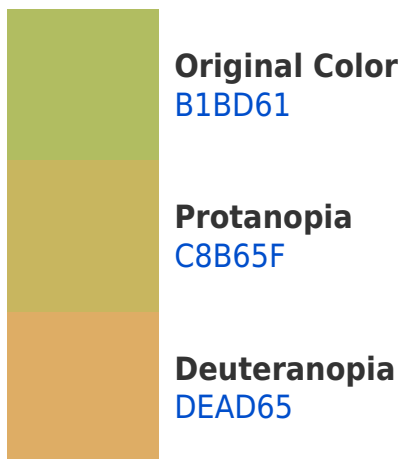


This preview shows how white text looks on a background with the Hex color B1BD61.

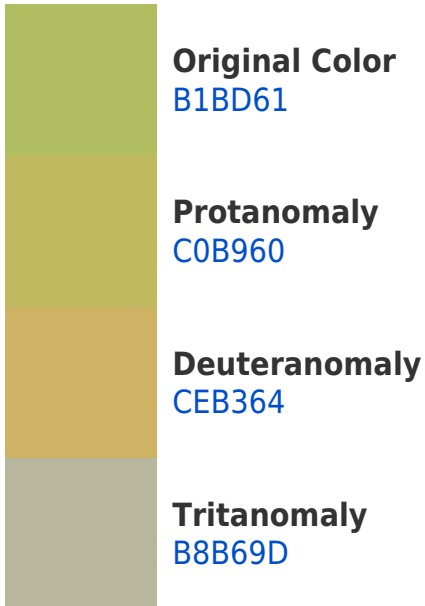
Color Blindness Simulation

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](#).

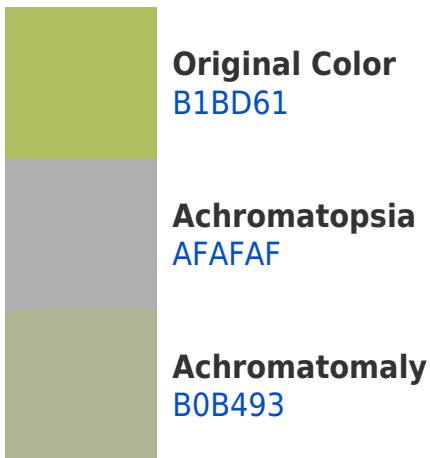
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1BD61 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 #B1BD61 looks like.

```
.text, #text, p{  
    color:#B1BD61  
}
```

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 #B1BD61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1BD61
}
```

Border

The CSS property to change the border of an element to Hex B1BD61 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
#B1BD61 }
```

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

```
.border{ border-color:#B1BD61 }
```

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

Here you see how a box with a 4 pixel #B1BD61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1BD61; -webkit-box-shadow:4px 4px  
4px 4px #B1BD61; box-shadow:4px 4px 4px  
4px #B1BD61 }
```

Background

The CSS property to change the background color of an element to Hex B1BD61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1BD61 }
```

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

```
.background{ background-color:#B1BD61 }
```

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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