

Converting Colors

Hex(B1BD42)

Have a look what the booklet for
Hex(B1BD42) contains.

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Color

Hex(B1BD42)

Conversions

Conversions Part 1

Format	Color
Hex	B1BD42
RGB	177, 189, 66
RGB Percent	69%, 74%, 26%
CMY	0.3059, 0.2588, 0.7412
CMYK	0.06, 0.00, 0.65, 0.26
HSL	66°, 48%, 50%
HSV	66°, 65%, 74%
XYZ	37.3124, 46.1357, 12.0928
YIQ	171.3900, 32.3310, -40.7970

Conversions

Conversions Part 2

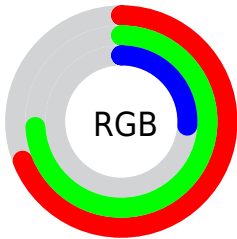
Format	Color
RYB	66, 189, 78
Decimal	11648322
CIELab	73.63, -20.24, 58.40
CIELCh	74, 61.814, 109.117
Yxy	46.1357, 0.3905, 0.4829
Android (android.graphics.Color)	4289838402 (0xFFB1BD42)
YUV	171.3900, -51.9573, 4.9200
Hunter-Lab	67.9232, -20.8098, 36.9905

Details

The Hex color **B1BD42** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **4E42BD**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **EBF578**, and **798800** is the 20% darker color. If you saturate the color by 10%, you get **AFBD2F**, and if you desaturate by 10%, it is **B3BD55**.

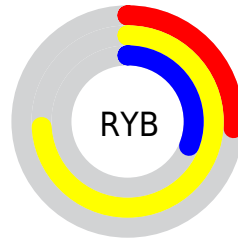
Distribution



Red (69%)

Green (74%)

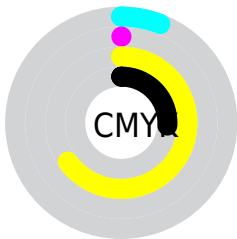
Blue (26%)



Red (26%)

Yellow (74%)

Blue (31%)

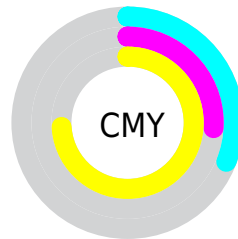


Cyan (6%)

Magenta (0%)

Yellow (65%)

Black (26%)



Cyan (31%)

Magenta (26%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1BD42 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 B1BD42 by changing the saturation by 10% instead.



B1BD42



B1BD42

FFFFFF



95A225



EBF578



798800



FFFF93



5E6F00



FFFFAF



445600



FFFFCB



2A3F00



FFFFE8



0F2900



001500



000000



B1BD42



B1BD42

 AFBD2F

 B3BD55

 ADBD1C

 B5BD68

 ABBD09

 B7BD7B

 ABBD00

 B8BD8E

 BABDA1

 BCBDB3

 BEBDC6

 C0BDD9

 C2BDEC

Harmonies

Analogous

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



E6AB40



B1BD42



6EC967

Triad

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



B1BD42



00CCFF



FF85CC

Complementary

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



B1BD42



4E42BD

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.



E697FF



B1BD42



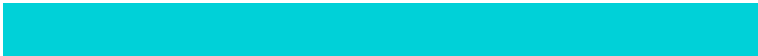
00C1FF

Square

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



B1BD42



00D1D8



93AEFF



FF8493

Rectangle

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



B1BD42



14CE8A



93AEFF



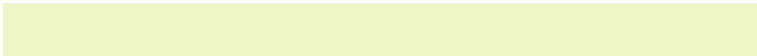
FF89DF

Sweetspot

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



B1BD42



F0F5C4



BD4C42



787A5D



FAFAFA



7A7A7A

Same Dimension

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



B1BD42



E2F536



75BD42



5D5E55



8F9E00



1C1F00

Inverse Universe

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



4E42BD



4836F5



8A42BD



56555E



0F009E



03001F

Previews

White Background



This preview shows how the Hex color B1BD42 looks on a white background.

Color Contrast Check

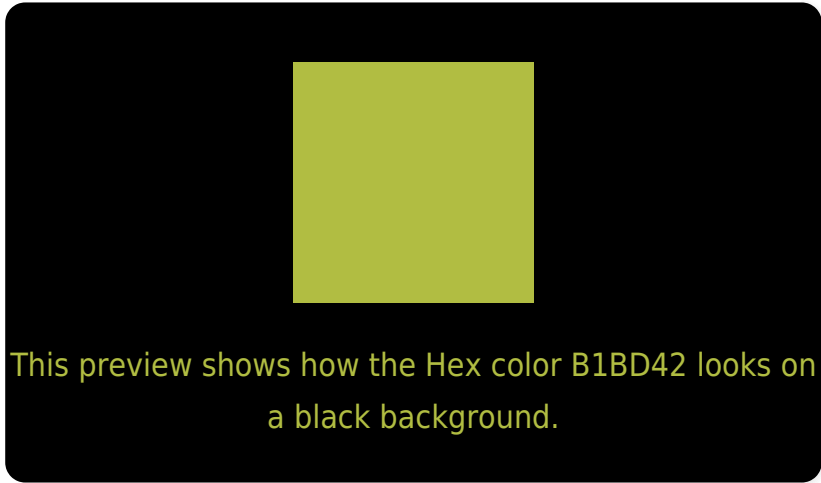
Large Text (above 18pt) WCAG AA × Fail

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 B1BD42 Background



This preview shows how black text looks on a background with the Hex color B1BD42.

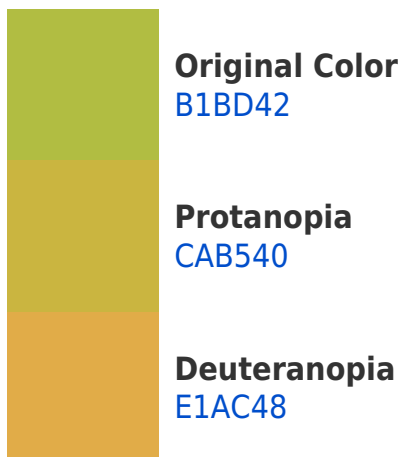


This preview shows how white text looks on a background with the Hex color B1BD42.

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](#).

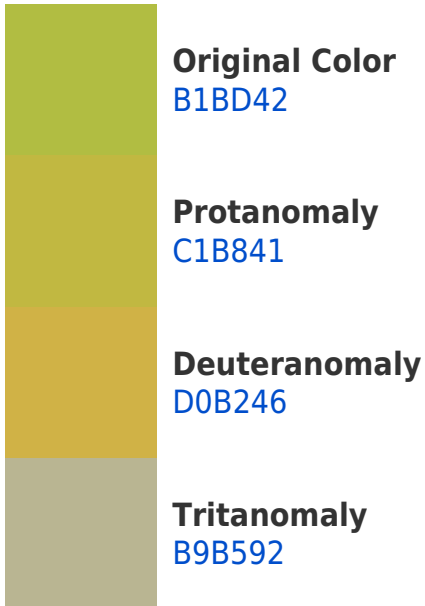
Dichromacy





Tritanopia
BDB1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1BD42 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 #B1BD42 looks like.

```
.text, #text, p{  
  color:#B1BD42  
}
```

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 #B1BD42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1BD42
}
```

Border

The CSS property to change the border of an element to Hex B1BD42 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
#B1BD42 }
```

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

```
.border{ border-color:#B1BD42 }
```

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

Here you see how a box with a 4 pixel #B1BD42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1BD42; -webkit-box-shadow:4px 4px  
4px 4px #B1BD42; box-shadow:4px 4px 4px  
4px #B1BD42 }
```

Background

The CSS property to change the background color of an element to Hex B1BD42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1BD42 }
```

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

```
.background{ background-color:#B1BD42 }
```

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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