

Converting Colors

Hex(BDDB48)

Have a look what the booklet for
Hex(BDBB48) contains.

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Color

Hex(BDDB48)

Conversions

Conversions Part 1

Format	Color
Hex	BDBB48
RGB	189, 187, 72
RGB Percent	74%, 73%, 28%
CMY	0.2588, 0.2667, 0.7176
CMYK	0.00, 0.01, 0.62, 0.26
HSL	59°, 47%, 51%
HSV	59°, 62%, 74%
XYZ	39.9263, 46.8273, 13.0651
YIQ	174.4880, 38.1070, -35.3410

Conversions

Conversions Part 2

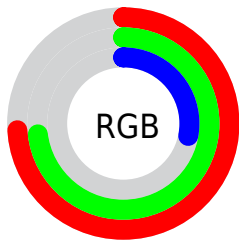
Format	Color
RYB	74, 189, 72
Decimal	12434248
CIELab	74.08, -13.81, 56.66
CIELCh	74, 58.321, 103.696
Yxy	46.8273, 0.4000, 0.4691
Android (android.graphics.Color)	4290624328 (0xFFBDBB48)
YUV	174.4880, -50.5266, 12.7270
Hunter-Lab	68.4305, -15.6062, 36.5814

Details

The Hex color **BDBB48** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **484ABD**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **F8F37D**, and **85860A** is the 20% darker color. If you saturate the color by 10%, you get **BDBB35**, and if you desaturate by 10%, it is **BDBB5B**.

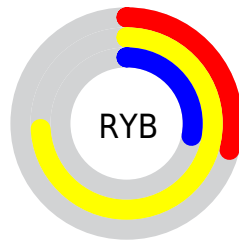
Distribution



Red (74%)

Green (73%)

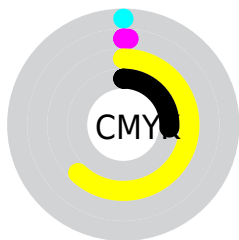
Blue (28%)



Red (29%)

Yellow (74%)

Blue (28%)

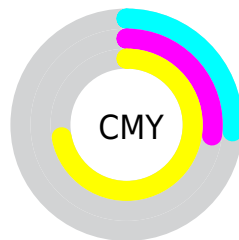


Cyan (0%)

Magenta (1%)

Yellow (62%)

Black (26%)



Cyan (26%)

Magenta (27%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDBB48 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 BDBB48 by changing the saturation by 10% instead.

 BDBB48

 BDBB48

FFFFFF

 A1A02D

 F8F37D

 85860A

 FFFF99

 696D00

 FFFFB4

 4F5500

 FFFFFD1

 353E00

 FFFFFEE

 1C2800

 001500

 000000

 BDBB48

 BDBB48

 BDBB35

 BDBB5B

 BDBA22

 BDBC6E

 BDBA0F

 BDBC81

 BDBA00

 BDBC94

 BDBDA7

 BDBDB9

 BDBDCC

 BDBEDF

 BDBEF2

Harmonies

Analogous

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



EDA94D



BDBB48



81C865

Triad

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



BDBB48



00CEFF



FF8CD6

Complementary

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



BDBB48



484ABD

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.



D99EFF



BDBB48



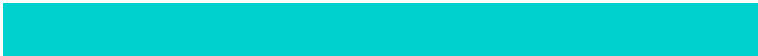
00C4FF

Square

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



BDBB48



00D1CE



85B3FF



FF88A0

Rectangle

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



BDBB48



49CD85



85B3FF



FD91E7

Sweetspot

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



BDBB48



F5F4C6



BD484C



7A7A5E



FAFAFA



7A7A7A

Same Dimension

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



BDBB48



F5F240



86BD48



5E5E55



9E9B00



1F1E00

Inverse Universe

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



484ABD



4043F5



7F48BD



55555E



00039E



00011F

Previews

White Background



This preview shows how the Hex color BDBB48 looks on a white background.

Color Contrast Check

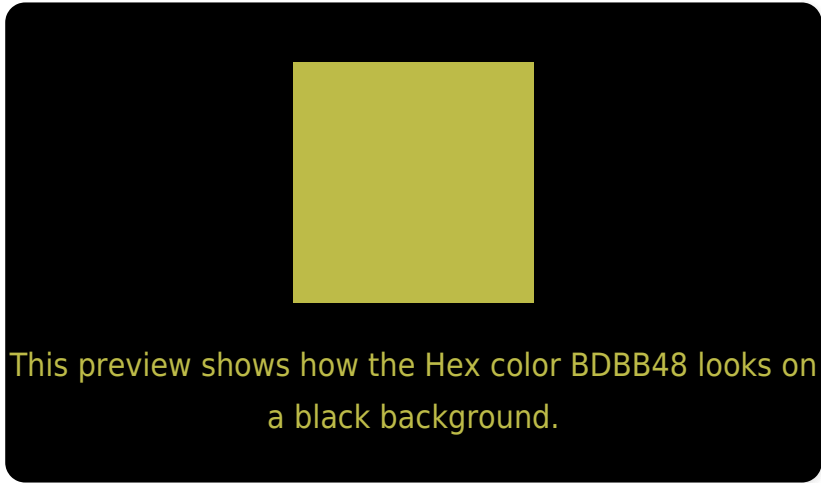
Large Text (above 18pt) WCAG AA × Fail

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 BDBB48 Background



This preview shows how black text looks on a background with the Hex color BDBB48.



This preview shows how white text looks on a background with the Hex color BDBB48.

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



Original Color
BDBB48

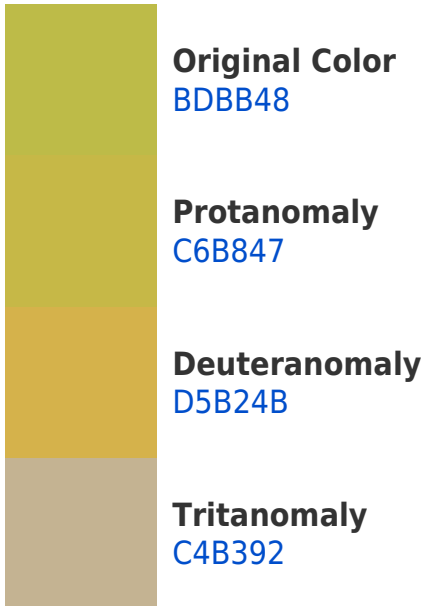
Protanopia
CBB647

Deuteranopia
E2AD4C

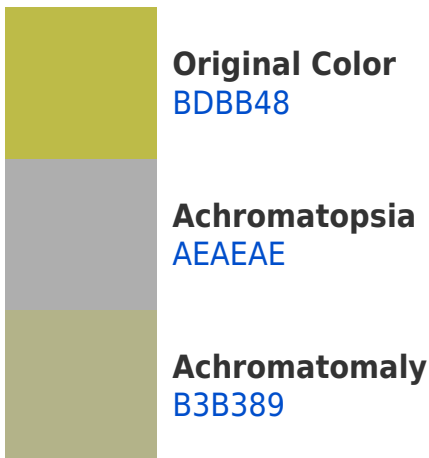


Tritanopia
C8AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDBB48 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 #BDBB48 looks like.

```
.text, #text, p{  
    color:#BDBB48  
}
```

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 #BDBB48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDBB48
}
```

Border

The CSS property to change the border of an element to Hex BDBB48 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
#BDBB48 }
```

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

```
.border{ border-color:#BDBB48 }
```

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

Here you see how a box with a 4 pixel #BDBB48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDBB48; -webkit-box-shadow:4px 4px  
4px 4px #BDBB48; box-shadow:4px 4px 4px  
4px #BDBB48 }
```

Background

The CSS property to change the background color of an element to Hex BDBB48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDBB48 }
```

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

```
.background{ background-color:#BDBB48 }
```

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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