

Converting Colors

Hex(BDB51D)

Have a look what the booklet for
Hex(BDB51D) contains.

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Color

Hex(BDB51D)

Conversions

Conversions Part 1

Format	Color
Hex	BDB51D
RGB	189, 181, 29
RGB Percent	74%, 71%, 11%
CMY	0.2588, 0.2902, 0.8863
CMYK	0.00, 0.04, 0.85, 0.26
HSL	57°, 73%, 43%
HSV	57°, 85%, 74%
XYZ	37.7319, 43.9553, 7.6579
YIQ	166.0640, 53.5600, -45.5760

Conversions

Conversions Part 2

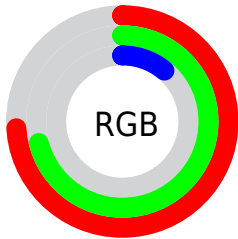
Format	Color
RYB	37, 189, 29
Decimal	12432669
CIELab	72.20, -12.69, 69.51
CIELCh	72, 70.660, 100.348
Yxy	43.9553, 0.4223, 0.4920
Android (android.graphics.Color)	4290622749 (0xFFBDB51D)
YUV	166.0640, -67.5726, 20.1149
Hunter-Lab	66.2988, -14.4351, 39.5608

Details

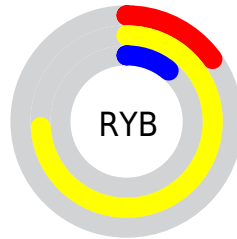
The Hex color **BDB51D** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **1D25BD**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **F9ED5B**, and **838100** is the 20% darker color. If you saturate the color by 10%, you get **BDB40A**, and if you desaturate by 10%, it is **BDB630**.

Distribution



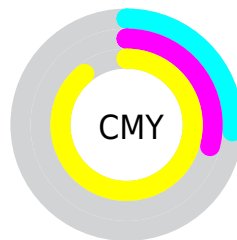
- Red (74%)
- Green (71%)
- Blue (11%)



- Red (15%)
- Yellow (74%)
- Blue (11%)



- Cyan (0%)
- Magenta (4%)
- Yellow (85%)
- Black (26%)



- Cyan (26%)
- Magenta (29%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDB51D 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 BDB51D by changing the saturation by 10% instead.

 BDB51D

 BDB51D

FFFFFF

 A09A00

 F9ED5B

 838100

 FFFF77

 686800

 FFFF93

 4C5000

 FFFF9F

 323900

 FFFFCC

 192400

 FFFF99

 000E00

 000000

 BDB51D

 BDB51D

 BDB40A

 BDB630

 BDB400

 BDB743

 BDB856

 BDB969

 BDBA7C

 BDBB8E

 BDBCA1

 BDBDB4

 BDBEC7

Harmonies

Analogous

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



F49E2F



BDB51D



76C447

Triad

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



BDB51D



00CDFE



FF7BDE

Complementary

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



BDB51D



1D25BD

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.



D196FF



BDB51D



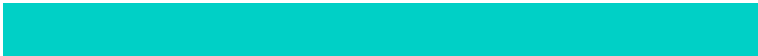
00C4FF

Square

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



BDB51D



00D0C6



50B1FF



FF739D

Rectangle

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



BDB51D



1FCB6E



50B1FF



FF83F2

Sweetspot

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



BDB51D



F5F2B8



BD1D25



7A7956



FAFAFA



7A7A7A

Same Dimension

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



BDB51D



F5E900



75BD1D



5E5E55



9E9600



1F1D00

Inverse Universe

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



1D25BD



000CF5



651DBD



5555E



00089E



00021F

Previews

White Background



This preview shows how the Hex color BDB51D looks on a white background.

Color Contrast Check

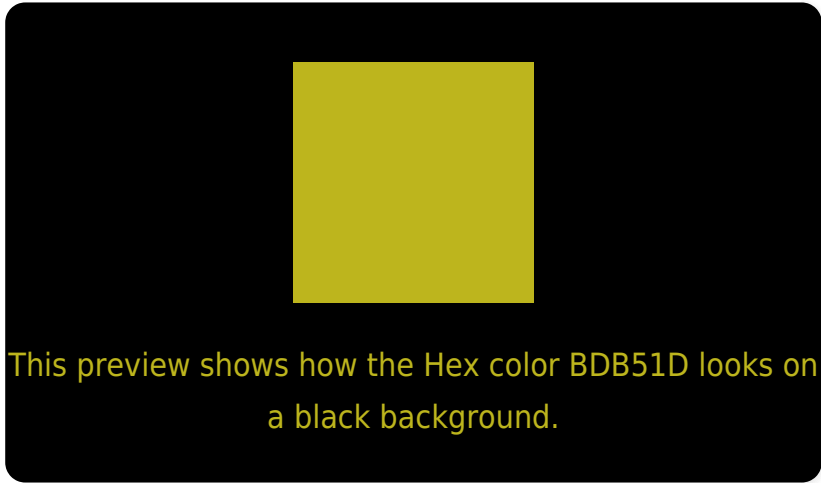
Large Text (above 18pt) WCAG AA × Fail

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 BDB51D Background



This preview shows how black text looks on a background with the Hex color BDB51D.



This preview shows how white text looks on a background with the Hex color BDB51D.

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
BDB51D

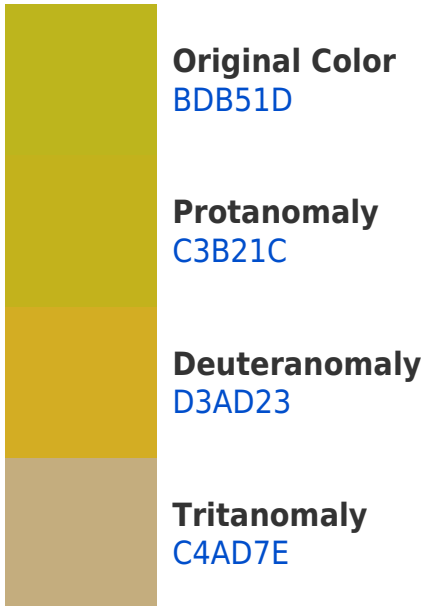
Protanopia
C7B11C

Deuteranopia
DFA826



Tritanopia
C8A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDB51D 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 #BDB51D looks like.

```
.text, #text, p{  
    color:#BDB51D  
}
```

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 #BDB51D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDB51D
}
```

Border

The CSS property to change the border of an element to Hex BDB51D 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
#BDB51D }
```

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

```
.border{ border-color:#BDB51D }
```

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

Here you see how a box with a 4 pixel #BDB51D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDB51D; -webkit-box-shadow:4px 4px  
4px 4px #BDB51D; box-shadow:4px 4px 4px  
4px #BDB51D }
```

Background

The CSS property to change the background color of an element to Hex BDB51D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDB51D }
```

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

```
.background{ background-color:#BDB51D }
```

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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