

Converting Colors

Hex(BDB64D)

Have a look what the booklet for
Hex(BDB64D) contains.

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Color

Hex(BDB64D)

Conversions

Conversions Part 1

Format	Color
Hex	BDB64D
RGB	189, 182, 77
RGB Percent	74%, 71%, 30%
CMY	0.2588, 0.2863, 0.6980
CMYK	0.00, 0.04, 0.59, 0.26
HSL	56°, 46%, 52%
HSV	56°, 59%, 74%
XYZ	39.0538, 44.8105, 13.6121
YIQ	172.1230, 37.8770, -31.1710

Conversions

Conversions Part 2

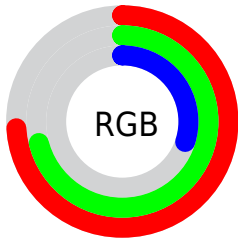
Format	Color
RYB	84, 189, 77
Decimal	12432973
CIELab	72.77, -10.90, 53.04
CIELCh	73, 54.151, 101.612
Yxy	44.8105, 0.4006, 0.4597
Android (android.graphics.Color)	4290623053 (0xFFBDB64D)
YUV	172.1230, -46.8956, 14.8011
Hunter-Lab	66.9407, -13.0077, 34.8021

Details

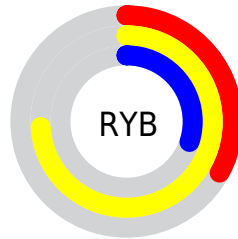
The Hex color **BDB64D** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **4D54BD**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **F7EE82**, and **858116** is the 20% darker color. If you saturate the color by 10%, you get **BDB53A**, and if you desaturate by 10%, it is **BDB760**.

Distribution



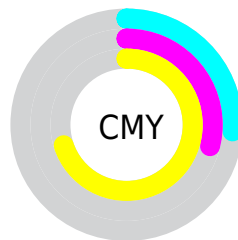
- Red (74%)
- Green (71%)
- Blue (30%)



- Red (33%)
- Yellow (74%)
- Blue (30%)



- Cyan (0%)
- Magenta (4%)
- Yellow (59%)
- Black (26%)



- Cyan (26%)
- Magenta (29%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDB64D 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 BDB64D by changing the saturation by 10% instead.

 BDB64D

 BDB64D

FFFFFF

 A19B33

 F7EE82

 858116

 FFFF9D

 6A6800

 FFFFB9

 505000

 FFFF9D

 363A00

 FFFFF2

 1D2400

 001100

 000000

 BDB64D

 BDB64D

 BDB53A

 BDB760

 BDB427

 BDB873

 BDB214

 BDBA86

 BDB101

 BDBB99

 BDB100

 BDBCAB

 BDBDBE

 BDBED1

 BDBFE4

 BDC1F7

Harmonies

Analogous

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



E9A553



BDB64D



87C265

Triad

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



BDB64D



00C9F3



FE8DD3

Complementary

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



BDB64D



4D54BD

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.



CF9EFD



BDB64D



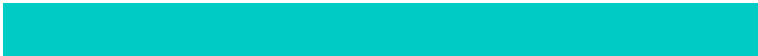
00C0FF

Square

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



BDB64D



00CCC5



81B1FF



FF88A1

Rectangle

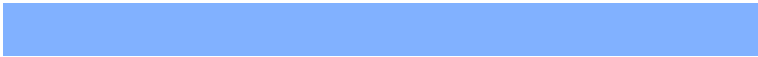
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BDB64D



58C881



81B1FF



F292E3

Sweetspot

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



BDB64D



F5F2C9



BD4D54



7A795F



FAFAFA



7A7A7A

Same Dimension

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



BDB64D



F5EA47



8CBD4D



5E5E55



9E9400



1F1D00

Inverse Universe

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



4D54BD



4752F5



7E4DBD



55565E



000A9E



00021F

Previews

White Background



This preview shows how the Hex color BDB64D looks on a white background.

Color Contrast Check

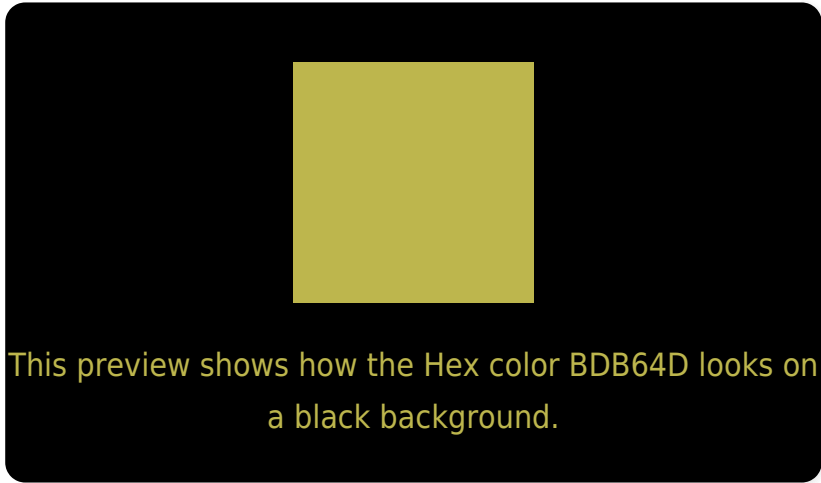
Large Text (above 18pt) WCAG AA × Fail

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 BDB64D Background



This preview shows how black text looks on a background with the Hex color BDB64D.



This preview shows how white text looks on a background with the Hex color BDB64D.

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
BDB64D

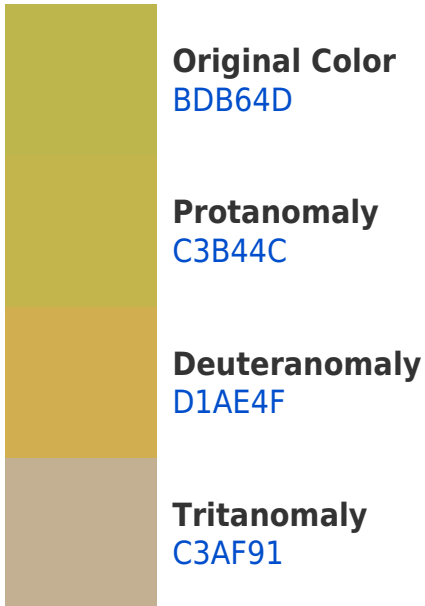
Protanopia
C7B34C

Deuteranopia
DDAA50

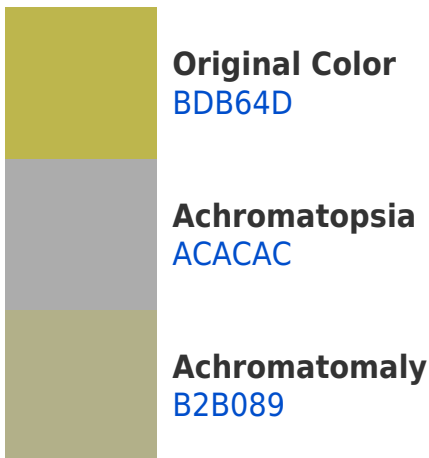


Tritanopia
C7ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDB64D 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 #BDB64D looks like.

```
.text, #text, p{  
    color:#BDB64D  
}
```

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 #BDB64D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDB64D
}
```

Border

The CSS property to change the border of an element to Hex BDB64D 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
#BDB64D }
```

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

```
.border{ border-color:#BDB64D }
```

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

Here you see how a box with a 4 pixel #BDB64D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDB64D; -webkit-box-shadow:4px 4px  
4px 4px #BDB64D; box-shadow:4px 4px 4px  
4px #BDB64D }
```

Background

The CSS property to change the background color of an element to Hex BDB64D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDB64D }
```

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

```
.background{ background-color:#BDB64D }
```

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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