

Converting Colors

Hex(BDB332)

Have a look what the booklet for
Hex(BDB332) contains.

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Color

Hex(BDB332)

Conversions

Conversions Part 1

Format	Color
Hex	BDB332
RGB	189, 179, 50
RGB Percent	74%, 70%, 20%
CMY	0.2588, 0.2980, 0.8039
CMYK	0.00, 0.05, 0.74, 0.26
HSL	56°, 58%, 47%
HSV	56°, 74%, 74%
XYZ	37.6821, 43.2893, 9.3872
YIQ	167.2840, 47.3690, -37.9990

Conversions

Conversions Part 2

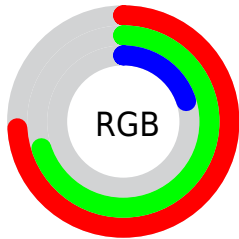
Format	Color
RYB	61, 189, 50
Decimal	12432178
CIELab	71.75, -10.92, 62.94
CIELCh	72, 63.882, 99.846
Yxy	43.2893, 0.4170, 0.4791
Android (android.graphics.Color)	4290622258 (0xFFBDB332)
YUV	167.2840, -57.8210, 19.0449
Hunter-Lab	65.7946, -12.9095, 37.5970

Details

The Hex color **BDB332** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **323CBD**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **F8EA69**, and **847F00** is the 20% darker color. If you saturate the color by 10%, you get **BDB21F**, and if you desaturate by 10%, it is **BDB445**.

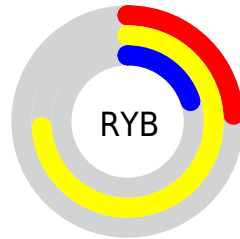
Distribution



Red (74%)

Green (70%)

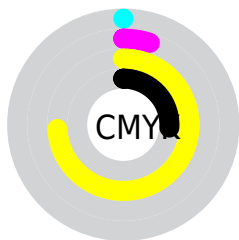
Blue (20%)



Red (24%)

Yellow (74%)

Blue (20%)

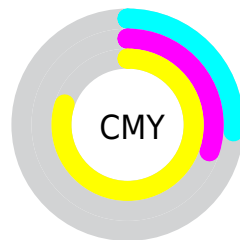


Cyan (0%)

Magenta (5%)

Yellow (74%)

Black (26%)



Cyan (26%)

Magenta (30%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDB332 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 BDB332 by changing the saturation by 10% instead.

 BDB332

 BDB332

FFFFFF

 A0980F

 F8EA69

 847F00

 FFFF85

 686600

 FFFFA1

 4E4E00

 FFFFBD

 333800

 FFFFD9

 1A2200

 FFFFF7

 000C00

 000000

 BDB332

 BDB332

 BDB21F

 BDB445

 BDB00C

 BDB658

 BDAF00

 BDB76B

 BDB87E

 BDBA91

 BDBBA3

 BDBDB6

 BDBEC9

 BDBFDC

Harmonies

Analogous

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



EF9E3E



BDB332



7EC151

Triad

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



BDB332



00CAF9



FF82D9

Complementary

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



BDB332



323CBD

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.



CC98FF



BDB332



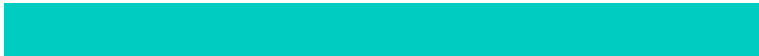
00C1FF

Square

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



BDB332



00CCC2



61B0FF



FF7A9F

Rectangle

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



BDB332



3FC772



61B0FF



F688EB

Sweetspot

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



BDB332



F5F1BF



BD323E



7A785B



FAFAFA



7A7A7A

Same Dimension

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



BDB332



F5E51D



83BD32



5E5E55



9E9300



1F1C00

Inverse Universe

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



323CBD



1D2DF5



6C32BD



55565E



000B9E



00021F

Previews

White Background



This preview shows how the Hex color BDB332 looks on a white background.

Color Contrast Check

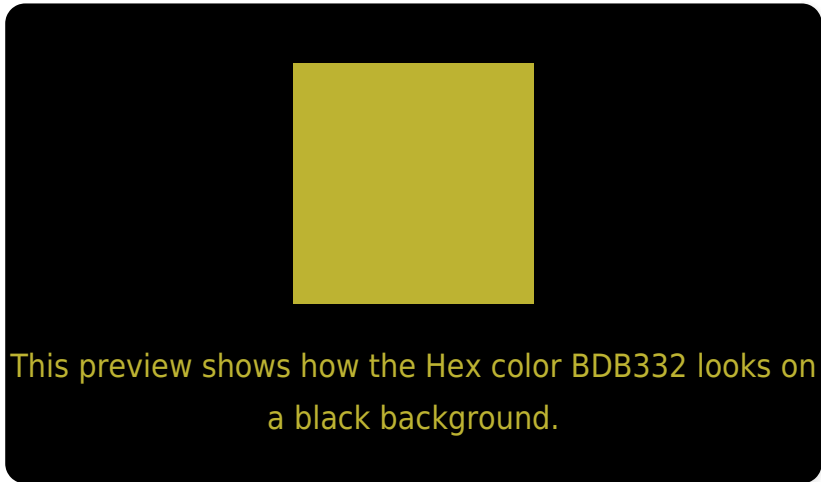
Large Text (above 18pt) WCAG AA × Fail

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 BDB332 Background



This preview shows how black text looks on a background with the Hex color BDB332.



This preview shows how white text looks on a background with the Hex color BDB332.

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
BDB332

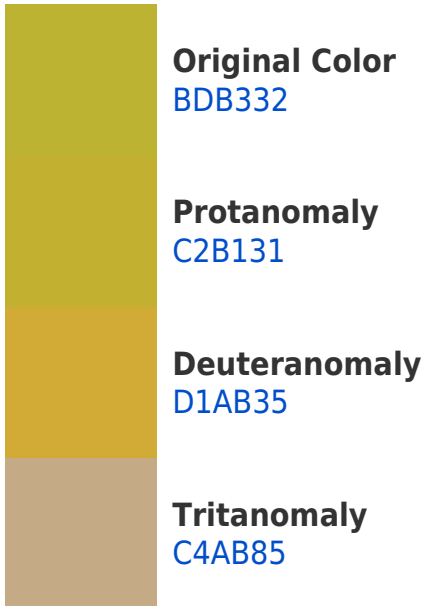
Protanopia
C5B031

Deuteranopia
DCA737



Tritanopia
C8A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDB332 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 #BDB332 looks like.

```
.text, #text, p{  
    color:#BDB332  
}
```

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 #BDB332 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDB332
}
```

Border

The CSS property to change the border of an element to Hex BDB332 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
#BDB332 }
```

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

```
.border{ border-color:#BDB332 }
```

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

Here you see how a box with a 4 pixel #BDB332 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDB332; -webkit-box-shadow:4px 4px  
4px 4px #BDB332; box-shadow:4px 4px 4px  
4px #BDB332 }
```

Background

The CSS property to change the background color of an element to Hex BDB332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDB332 }
```

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

```
.background{ background-color:#BDB332 }
```

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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