

Converting Colors

Hex(BDB33F)

Have a look what the booklet for
Hex(BDB33F) contains.

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Color

Hex(BDB33F)

Conversions

Conversions Part 1

Format	Color
Hex	BDB33F
RGB	189, 179, 63
RGB Percent	74%, 70%, 25%
CMY	0.2588, 0.2980, 0.7529
CMYK	0.00, 0.05, 0.67, 0.26
HSL	55°, 50%, 49%
HSV	55°, 67%, 74%
XYZ	38.0036, 43.4179, 11.0801
YIQ	168.7660, 43.1960, -33.9560

Conversions

Conversions Part 2

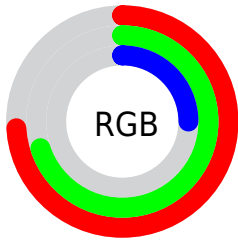
Format	Color
RYB	74, 189, 63
Decimal	12432191
CIELab	71.84, -10.26, 58.07
CIELCh	72, 58.969, 100.017
Yxy	43.4179, 0.4108, 0.4694
Android (android.graphics.Color)	4290622271 (0xFFBDB33F)
YUV	168.7660, -52.1426, 17.7452
Hunter-Lab	65.8923, -12.3610, 36.1547

Details

The Hex color **BDB33F** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **3F49BD**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **F8EB75**, and **847F00** is the 20% darker color. If you saturate the color by 10%, you get **BDB22C**, and if you desaturate by 10%, it is **BDB452**.

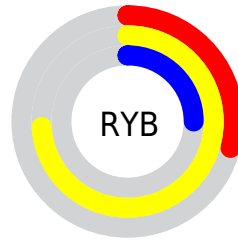
Distribution



Red (74%)

Green (70%)

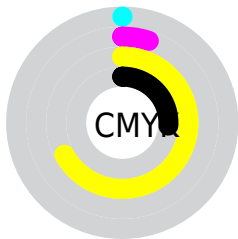
Blue (25%)



Red (29%)

Yellow (74%)

Blue (25%)

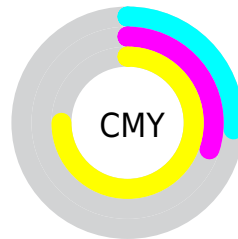


Cyan (0%)

Magenta (5%)

Yellow (67%)

Black (26%)



Cyan (26%)

Magenta (30%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDB33F 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 BDB33F by changing the saturation by 10% instead.



BDB33F



BDB33F

FFFFFF



A09823



F8EB75



847F00



FFF900



696600



FFF9AB



4F4E00



FFF9C8



343700



FFF9EE



1C2200



000C00



000000



BDB33F



BDB33F

 BDB22C

 BDB452

 BDB019

 BDB665

 BDAE06

 BDB878

 BDAE00

 BDB98B

 BDBB9E

 BDBCBO

 BDBEC3

 BDBFD6

 BDC1E9

Harmonies

Analogous

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



ECA048



BDB33F



83C059

Triad

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



BDB33F



00C8F4



FF87D6

Complementary

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



BDB33F



3F49BD

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.



CB9AFF



BDB33F



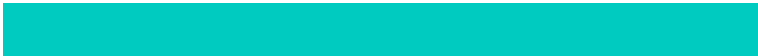
00C0FF

Square

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



BDB33F



00CBC1



6EB0FF



FF80A0

Rectangle

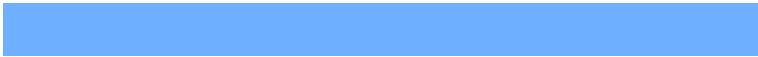
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BDB33F



4EC678



6EB0FF



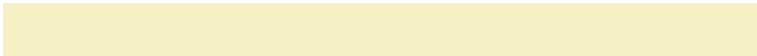
F28CE7

Sweetspot

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



BDB33F



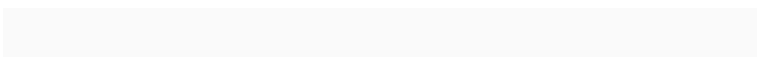
F5F1C4



BD3F4A



7A785D



FAFAFA



7A7A7A

Same Dimension

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



BDB33F



F5E531



89BD3F



5E5E55



9E9200



1F1C00

Inverse Universe

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



3F49BD



3141F5



743FBD



55565E



000D9E



00021F

Previews

White Background



This preview shows how the Hex color BDB33F looks on a white background.

Color Contrast Check

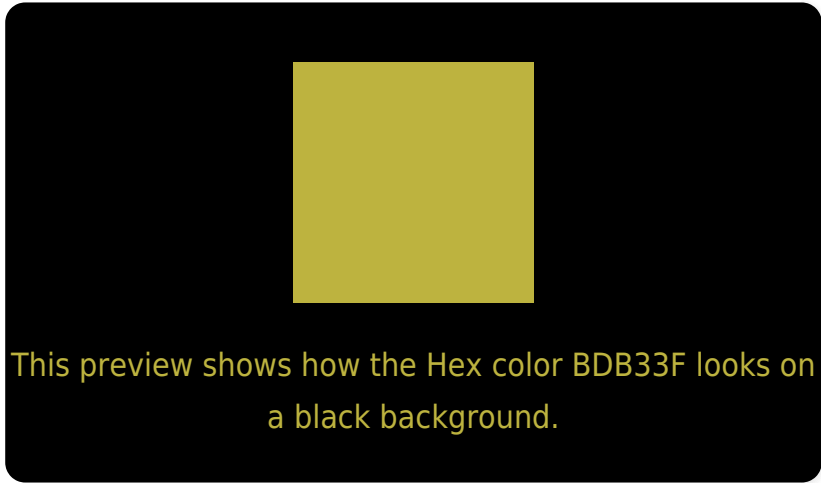
Large Text (above 18pt) WCAG AA × Fail

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 BDB33F Background



This preview shows how black text looks on a background with the Hex color BDB33F.



This preview shows how white text looks on a background with the Hex color BDB33F.

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
BDB33F

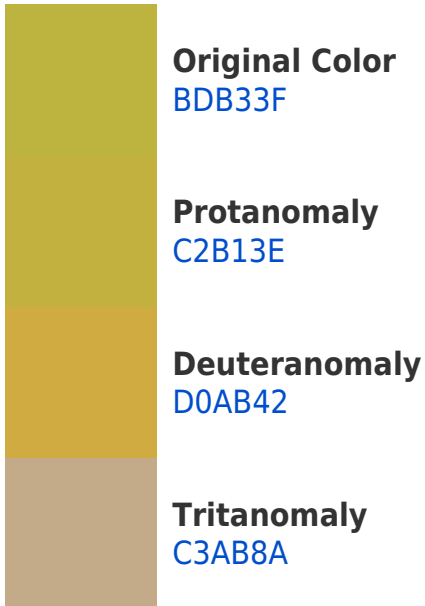
Protanopia
C5B03E

Deuteranopia
DBA743



Tritanopia
C7A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDB33F 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 #BDB33F looks like.

```
.text, #text, p{  
    color:#BDB33F  
}
```

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 #BDB33F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDB33F
}
```

Border

The CSS property to change the border of an element to Hex BDB33F 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
#BDB33F }
```

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

```
.border{ border-color:#BDB33F }
```

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

Here you see how a box with a 4 pixel #BDB33F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDB33F; -webkit-box-shadow:4px 4px  
4px 4px #BDB33F; box-shadow:4px 4px 4px  
4px #BDB33F }
```

Background

The CSS property to change the background color of an element to Hex BDB33F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDB33F }
```

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

```
.background{ background-color:#BDB33F }
```

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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