

Converting Colors

Hex(BDB346)

Have a look what the booklet for
Hex(BDB346) contains.

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Color

Hex(BDB346)

Conversions

Conversions Part 1

Format	Color
Hex	BDB346
RGB	189, 179, 70
RGB Percent	74%, 70%, 27%
CMY	0.2588, 0.2980, 0.7255
CMYK	0.00, 0.05, 0.63, 0.26
HSL	55°, 47%, 51%
HSV	55°, 63%, 74%
XYZ	38.2119, 43.5012, 12.1769
YIQ	169.5640, 40.9490, -31.7790

Conversions

Conversions Part 2

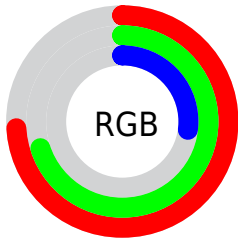
Format	Color
R_{YB}	81, 189, 70
Decimal	12432198
CIE Lab	71.89, -9.83, 55.18
CIE LCh	72, 56.051, 100.098
Yxy	43.5012, 0.4070, 0.4633
Android (android.graphics.Color)	4290622278 (0xFFBDB346)
YUV	169.5640, -49.0851, 17.0454
Hunter-Lab	65.9554, -12.0065, 35.2225

Details

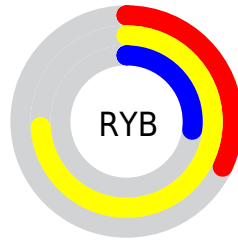
The Hex color **BDB346** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **4650BD**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **F8EB7B**, and **857F09** is the 20% darker color. If you saturate the color by 10%, you get **BDB133**, and if you desaturate by 10%, it is **BDB559**.

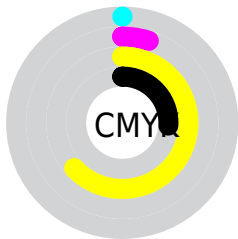
Distribution



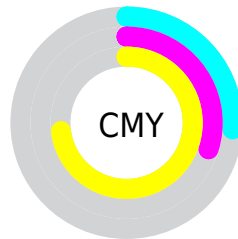
- Red (74%)
- Green (70%)
- Blue (27%)



- Red (32%)
- Yellow (74%)
- Blue (27%)



- Cyan (0%)
- Magenta (5%)
- Yellow (63%)
- Black (26%)



- Cyan (26%)
- Magenta (30%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDB346 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 BDB346 by changing the saturation by 10% instead.



BDB346



BDB346

FFFFFF



A1982B



F8EB7B



857F09



FFFF96



696600



FFFFB2



4F4E00



FFFCE



353700



FFFEB



1C2200



000D00



000000



BDB346



BDB346

 BDB133

 BDB559

 BDB020

 BDB66C

 BDAE0D

 BDB87F

 BDAD00

 BDB992

 BDBBA5

 BDBDB7

 BDBECA

 BDC0DD

 BDC1F0

Harmonies

Analogous

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



E9A14E



BDB346



85C05E

Triad

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



BDB346



00C7F1



FC89D4

Complementary

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



BDB346



4650BD

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.



CA9CFF



BDB346



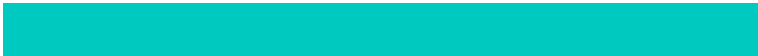
00BFFF

Square

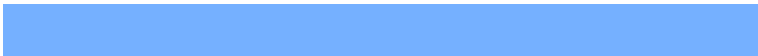
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BDB346



00CAC0



75B0FF



FF84A1

Rectangle

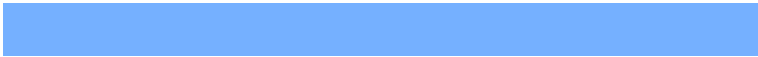
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BDB346



55C57B



75B0FF



EF8FE4

Sweetspot

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



BDB346



F5F1C6



BD4652



7A785E



FAFAFA



7A7A7A

Same Dimension

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



BDB346



F5E53B



8DBD46



5E5E55



9E9100



1F1C00

Inverse Universe

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



4650BD



3B4AF5



7646BD



55565E



000D9E



00031F

Previews

White Background



This preview shows how the Hex color BDB346 looks on a white background.

Color Contrast Check

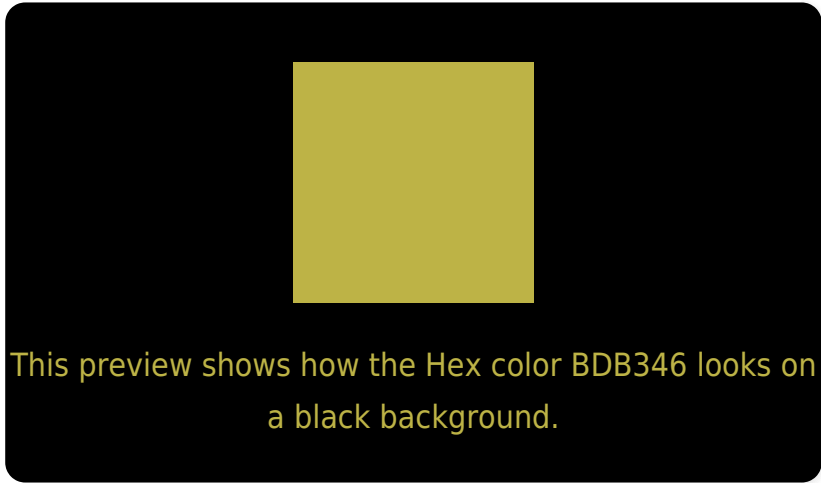
Large Text (above 18pt) WCAG AA × Fail

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 BDB346 Background



This preview shows how black text looks on a background with the Hex color BDB346.



This preview shows how white text looks on a background with the Hex color BDB346.

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
BDB346

Protanopia
C4B045

Deuteranopia
DBA849



Tritanopia
C7A8B5

Trichromacy



Original Color
BDB346

Protanomaly
C1B145

Deuteranomaly
D0AC48

Tritanomaly
C3AC8D

Monochromacy



Original Color
BDB346

Achromatopsia
AAAAAA

Achromatomaly
B1AD86

CSS Examples

Text

The CSS property to change the color of the text to Hex BDB346 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 #BDB346 looks like.

```
.text, #text, p{  
    color:#BDB346  
}
```

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 #BDB346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDB346
}
```

Border

The CSS property to change the border of an element to Hex BDB346 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
#BDB346 }
```

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

```
.border{ border-color:#BDB346 }
```

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

Here you see how a box with a 4 pixel #BDB346 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDB346; -webkit-box-shadow:4px 4px  
4px 4px #BDB346; box-shadow:4px 4px 4px  
4px #BDB346 }
```

Background

The CSS property to change the background color of an element to Hex BDB346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDB346 }
```

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

```
.background{ background-color:#BDB346 }
```

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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