

Converting Colors

Hex(BDAE36)

Have a look what the booklet for
Hex(BDAE36) contains.

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Color

Hex(BDAE36)

Conversions

Conversions Part 1

Format	Color
Hex	BDAE36
RGB	189, 174, 54
RGB Percent	74%, 68%, 21%
CMY	0.2588, 0.3176, 0.7882
CMYK	0.00, 0.08, 0.71, 0.26
HSL	53°, 56%, 48%
HSV	53°, 71%, 74%
XYZ	36.7882, 41.3573, 9.5338
YIQ	164.8050, 47.4600, -34.1400

Conversions

Conversions Part 2

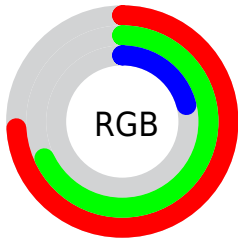
Format	Color
RYB	71, 189, 54
Decimal	12430902
CIELab	70.43, -8.14, 60.20
CIELCh	70, 60.746, 97.700
Yxy	41.3573, 0.4196, 0.4717
Android (android.graphics.Color)	4290620982 (0xFFBDAE36)
YUV	164.8050, -54.6269, 21.2190
Hunter-Lab	64.3096, -10.4313, 36.2270

Details

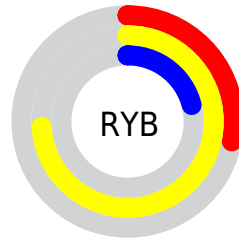
The Hex color **BDAE36** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3645BD**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **F8E56C**, and **847A00** is the 20% darker color. If you saturate the color by 10%, you get **BDAC23**, and if you desaturate by 10%, it is **BDB049**.

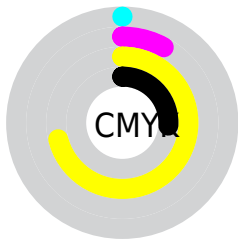
Distribution



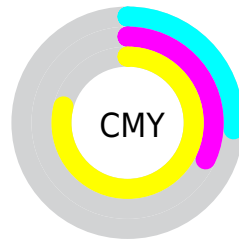
- Red (74%)
- Green (68%)
- Blue (21%)



- Red (28%)
- Yellow (74%)
- Blue (21%)



- Cyan (0%)
- Magenta (8%)
- Yellow (71%)
- Black (26%)



- Cyan (26%)
- Magenta (32%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDAE36 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 BDAE36 by changing the saturation by 10% instead.

 BDAE36

 BDAE36

FFFFFF

 A09417

 F8E56C

 847A00

 FFFF87

 696100

 FFFFA3

 4E4A00

 FFFFBF

 333400

 FFFFDC

 1B1F00

 FFFFF9

 000300

 000000

 BDAE36

 BDAE36

 BDAC23

 BDB049

 BDAA10

 BDB25C

 BDA800

 BDB46F

 BDB682

 BDB995

 BDBBA7

 BDBDBA

 BDBFCD

 BDC1E0

Harmonies

Analogous

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



EC9A43



BDAE36



82BC50

Triad

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



BDAE36



00C5EE



FB82D7

Complementary

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



BDAE36



3645BD

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.



C298FF



BDAE36



00BDFF

Square

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



BDAE36



00C7B9



5AAEFF



FF7AA0

Rectangle

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



BDAE36



4CC26E



5AAEFF



EC89E8

Sweetspot

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



BDAE36



F5EFC1



BD3646



7A775C



FAFAFA



7A7A7A

Same Dimension

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



BDAE36



F5DD22



89BD36



5E5D55



9E8D00



1F1B00

Inverse Universe

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



3645BD



223AF5



6A36BD



55565E



00129E



00031F

Previews

White Background



This preview shows how the Hex color BDAE36 looks on a white background.

Color Contrast Check

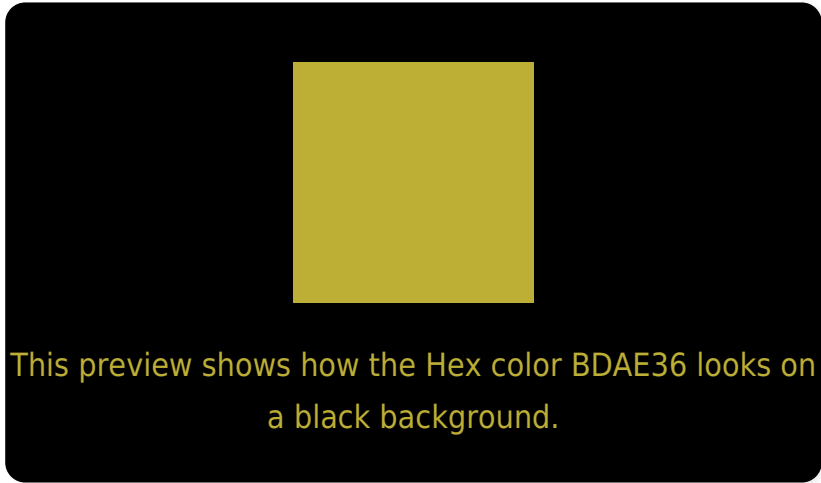
Large Text (above 18pt) WCAG AA × Fail

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 BDAE36 Background



This preview shows how black text looks on a background with the Hex color BDAE36.

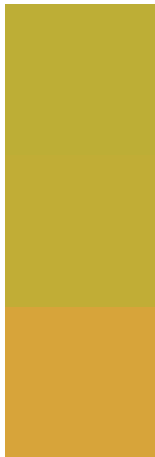


This preview shows how white text looks on a background with the Hex color BDAE36.

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
BDAE36

Protanopia
C1AD36

Deuteranopia
D7A43A



Tritanopia
C7A3AF

Trichromacy



Original Color
BDAE36

Protanomaly
C0AD36

Deuteranomaly
CEA839

Tritanomaly
C3A783

Monochromacy



Original Color
BDAE36

Achromatopsia
A5A5A5

Achromatomaly
AEA87D

CSS Examples

Text

The CSS property to change the color of the text to Hex BDAE36 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 #BDAE36 looks like.

```
.text, #text, p{  
    color:#BDAE36  
}
```

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 #BDAE36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDAE36
}
```

Border

The CSS property to change the border of an element to Hex BDAE36 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
#BDAE36 }
```

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

```
.border{ border-color:#BDAE36 }
```

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

Here you see how a box with a 4 pixel #BDAE36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDAE36; -webkit-box-shadow:4px 4px  
4px 4px #BDAE36; box-shadow:4px 4px 4px  
4px #BDAE36 }
```

Background

The CSS property to change the background color of an element to Hex BDAE36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDAE36 }
```

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

```
.background{ background-color:#BDAE36 }
```

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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