

# Converting Colors

Hex(B0AD40)

Have a look what the booklet for  
Hex(B0AD40) contains.

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**Color**

**Hex(B0AD40)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0AD40
RGB	176, 173, 64
RGB Percent	69%, 68%, 25%
CMY	0.3098, 0.3216, 0.7490
CMYK	0.00, 0.02, 0.64, 0.31
HSL	58°, 47%, 47%
HSV	58°, 64%, 69%
XYZ	33.7735, 39.4874, 10.6923
YIQ	161.4710, 36.7770, -33.2630

# Conversions

## Conversions Part 2

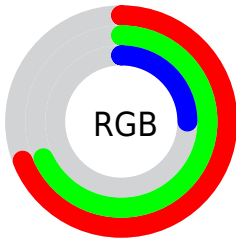
Format	Color
<a href="#">RYB</a>	<a href="#">67, 176, 64</a>
Decimal	<a href="#">11578688</a>
CIELab	<a href="#">69.10, -12.68, 54.46</a>
CIELCh	<a href="#">69, 55.914, 103.104</a>
Yxy	<a href="#">39.4874, 0.4023, 0.4704</a>
Android (android.graphics.Color)	<a href="#">4289768768 (0xFFB0AD40)</a>
YUV	<a href="#">161.4710, -48.0532, 12.7419</a>
Hunter-Lab	<a href="#">62.8390, -14.0316, 33.8989</a>

# Details

The Hex color **B0AD40** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4043B0**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **EAE475**, and **787900** is the 20% darker color. If you saturate the color by 10%, you get **B0AD2E**, and if you desaturate by 10%, it is **B0AD52**.

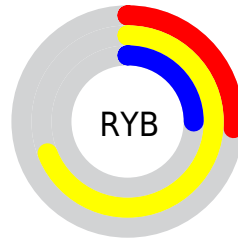
# Distribution



Red (69%)

Green (68%)

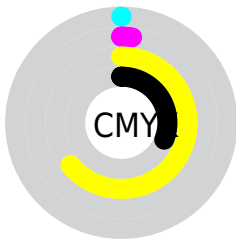
Blue (25%)



Red (26%)

Yellow (69%)

Blue (25%)

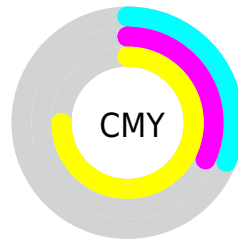


Cyan (0%)

Magenta (2%)

Yellow (64%)

Black (31%)



Cyan (31%)

Magenta (32%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0AD40 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 B0AD40 by changing the saturation by 10% instead.



 B0AD40

 B0AD40

FFFFFF

 949325

 EAE475

 787900

 FFFF90

 5E6000

 FFFFAB

 444900

 FFFFC7

 2A3200

 FFFFE4

 111E00

 000000

 B0AD40

 B0AD40

 B0AD2E

 B0AD52

 B0AC1D

 B0AE63

 B0AC0B

 B0AE75

 B0AB00

 B0AF86

 B0AF98

 B0B0AA

 B0B0BB

 B0B1CD

 B0B1DE

# Harmonies

## Analogous

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



DD9C45



B0AD40



78B95B

# Triad

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



B0AD40



00BFED



F781C7

# Complementary

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



B0AD40



4043B0

# 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.



C992F3



B0AD40



00B6FF

# Square

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



B0AD40



00C2BE



78A7FF



FF7D94

# Rectangle

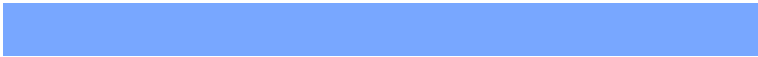
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B0AD40



43BE79



78A7FF



EB85D7



# Sweetspot

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



B0AD40



E6E4BA



B04044



737258



F2F2F2



737373



# Same Dimension

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



B0AD40



E6E137



7CB040



595950



999500



1A1900



# Inverse Universe

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



4043B0



373CE6



7440B0



505159



000499



00011A



# Previews

## White Background



This preview shows how the Hex color B0AD40 looks on a white background.

## Color Contrast Check

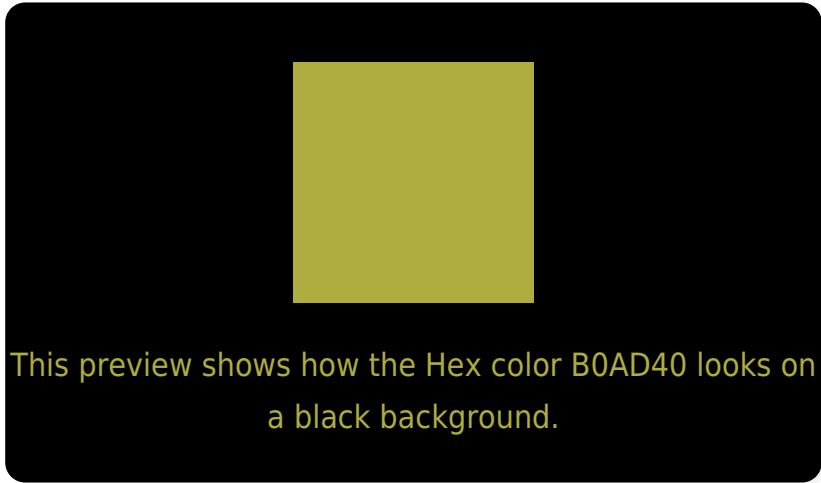
Large Text (above 18pt) WCAG AA × Fail

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 B0AD40 Background



This preview shows how black text looks on a background with the Hex color B0AD40.



This preview shows how white text looks on a background with the Hex color B0AD40.

# 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**  
B0AD40

**Protanopia**  
BCA93F

**Deuteranopia**  
D2A044



**Tritanopia**  
BAA2AF

# Trichromacy



**Original Color**  
B0AD40

**Protanomaly**  
B8AA3F

**Deuteranomaly**  
C6A543

**Tritanomaly**  
B6A687

# Monochromacy



**Original Color**  
B0AD40

**Achromatopsia**  
A1A1A1

**Achromatomaly**  
A6A57E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0AD40 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 #B0AD40 looks like.

```
.text, #text, p{  
    color:#B0AD40  
}
```

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 #B0AD40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0AD40
}
```

## Border

The CSS property to change the border of an element to Hex B0AD40 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
#B0AD40 }
```

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

```
.border{ border-color:#B0AD40 }
```

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

Here you see how a box with a 4 pixel #B0AD40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0AD40; -webkit-box-shadow:4px 4px  
4px 4px #B0AD40; box-shadow:4px 4px 4px  
4px #B0AD40 }
```

# Background

The CSS property to change the background color of an element to Hex B0AD40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0AD40 }
```

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

```
.background{ background-color:#B0AD40 }
```

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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