

Converting Colors

Hex(BDA74A)

Have a look what the booklet for
Hex(BDA74A) contains.

Hex(BDA74A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BDA74A)

Conversions

Conversions Part 1

Format	Color
Hex	BDA74A
RGB	189, 167, 74
RGB Percent	74%, 65%, 29%
CMY	0.2588, 0.3451, 0.7098
CMYK	0.00, 0.12, 0.61, 0.26
HSL	49°, 47%, 52%
HSV	49°, 61%, 74%
XYZ	36.0410, 38.9507, 12.0972
YIQ	162.9760, 42.9650, -24.2590

Conversions

Conversions Part 2

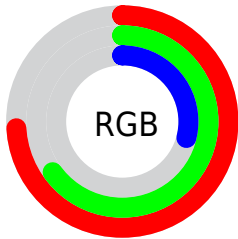
Format	Color
RYB	101, 189, 74
Decimal	12429130
CIELab	68.72, -3.25, 49.91
CIELCh	69, 50.019, 93.728
Yxy	38.9507, 0.4138, 0.4473
Android (android.graphics.Color)	4290619210 (0xFFBDA74A)
YUV	162.9760, -43.8652, 22.8230
Hunter-Lab	62.4105, -6.1375, 32.1949

Details

The Hex color **BDA74A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4A60BD**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **F8DE7E**, and **857314** is the 20% darker color. If you saturate the color by 10%, you get **BDA337**, and if you desaturate by 10%, it is **BDAB5D**.

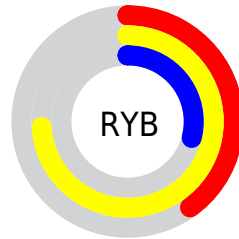
Distribution



Red (74%)

Green (65%)

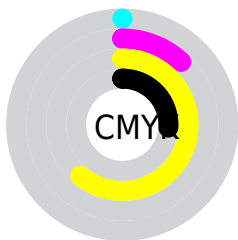
Blue (29%)



Red (40%)

Yellow (74%)

Blue (29%)

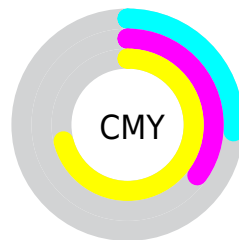


Cyan (0%)

Magenta (12%)

Yellow (61%)

Black (26%)



Cyan (26%)

Magenta (35%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDA74A 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 BDA74A by changing the saturation by 10% instead.

 BDA74A

 BDA74A

FFFFFF

 A18D30

 F8DE7E

 857314

 FFFA99

 6A5B00

 FFFFB4

 504400

 FFFFD1

 352E00

 FFFFED

 1D1A00

 000000

 BDA74A

 BDA74A

 BDA337

 BDAB5D

 BDA024

 BDAE70

 BD9C11

 BDB283

 BD9900

 BDB596

 BDB9A9

 BDBDBB

 BDC0CE

 BDC4E1

 BDC8F4

Harmonies

Analogous

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



E29757



BDA74A



8EB459

Triad

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



BDA74A



00BDD9



E489D1

Complementary

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



BDA74A



4A60BD

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.



B29AF3



BDA74A



00B7F8

Square

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



BDA74A



00BFAC



62ABFF



FB81A4

Rectangle

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



BDA74A



68B970



62ABFF



D78EDE

Sweetspot

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



BDA74A



F5ECC9



BD4A61



7A755F



FAFAFA



7A7A7A

Same Dimension

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



BDA74A



F5D342



9BBD4A



5E5D55



9E8000



1F1900

Inverse Universe

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



4A60BD



4264F5



6C4ABD



55575E



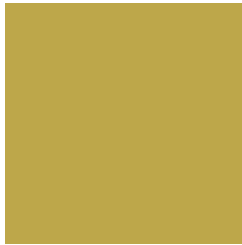
001E9E



00061F

Previews

White Background



This preview shows how the Hex color BDA74A looks on a white background.

Color Contrast Check

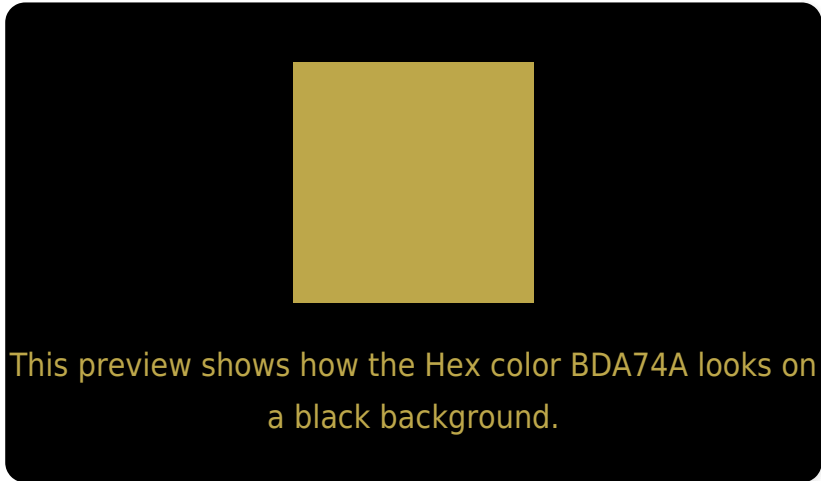
Large Text (above 18pt) WCAG AA × Fail

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 BDA74A Background



This preview shows how black text looks on a background with the Hex color BDA74A.

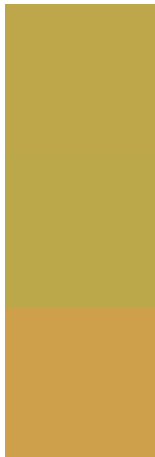


This preview shows how white text looks on a background with the Hex color BDA74A.

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
BDA74A

Protanopia
BAA84A

Deuteranopia
CFA04C



Tritanopia
C59DA9

Trichromacy



Original Color
BDA74A

Protanomaly
BBA84A

Deuteranomaly
C8A34B

Tritanomaly
C2A186

Monochromacy



Original Color
BDA74A

Achromatopsia
A3A3A3

Achromatomaly
ACA483

CSS Examples

Text

The CSS property to change the color of the text to Hex BDA74A 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 #BDA74A looks like.

```
.text, #text, p{  
    color:#BDA74A  
}
```

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 #BDA74A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDA74A
}
```

Border

The CSS property to change the border of an element to Hex BDA74A 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
#BDA74A }
```

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

```
.border{ border-color:#BDA74A }
```

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

Here you see how a box with a 4 pixel #BDA74A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDA74A; -webkit-box-shadow:4px 4px  
4px 4px #BDA74A; box-shadow:4px 4px 4px  
4px #BDA74A }
```

Background

The CSS property to change the background color of an element to Hex BDA74A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDA74A }
```

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

```
.background{ background-color:#BDA74A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor