

Converting Colors

Hex(B2AD34)

Have a look what the booklet for
Hex(B2AD34) contains.

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Color

Hex(B2AD34)

Conversions

Conversions Part 1

Format	Color
Hex	B2AD34
RGB	178, 173, 52
RGB Percent	70%, 68%, 20%
CMY	0.3020, 0.3216, 0.7961
CMYK	0.00, 0.03, 0.71, 0.30
HSL	58°, 55%, 45%
HSV	58°, 71%, 70%
XYZ	33.9235, 39.6001, 9.1044
YIQ	160.7010, 41.8210, -36.5710

Conversions

Conversions Part 2

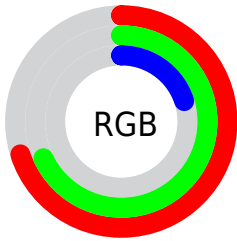
Format	Color
RYB	57, 178, 52
Decimal	11709748
CIELab	69.18, -12.50, 59.41
CIElCh	69, 60.713, 101.883
Yxy	39.6001, 0.4106, 0.4793
Android (android.graphics.Color)	4289899828 (0xFFB2AD34)
YUV	160.7010, -53.5896, 15.1712
Hunter-Lab	62.9286, -13.8993, 35.4720

Details

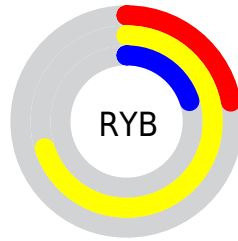
The Hex color **B2AD34** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3439B2**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **ECE46A**, and **7A7900** is the 20% darker color. If you saturate the color by 10%, you get **B2AC22**, and if you desaturate by 10%, it is **B2AE46**.

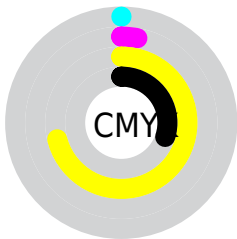
Distribution



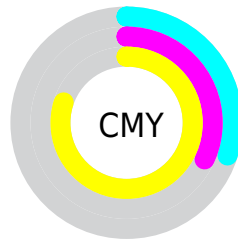
- Red (70%)
- Green (68%)
- Blue (20%)



- Red (22%)
- Yellow (70%)
- Blue (20%)



- Cyan (0%)
- Magenta (3%)
- Yellow (71%)
- Black (30%)



- Cyan (30%)
- Magenta (32%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2AD34 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 B2AD34 by changing the saturation by 10% instead.

 B2AD34

 B2AD34

FFFFFF

 969314

 ECE46A

 7A7900

 FFFF85

 5F6000


 FFFFA1

 444900

 FFFFBD

 2A3200

 FFFFDA

 111E00

 FFFFF7

 000000

 B2AD34

 B2AD34

 B2AC22

 B2AE46

 B2AC10

 B2AE58

 B2AB00

 B2AF69

 B2B07B

 B2B18D

 B2B19F

 B2B2B1

 B2B3C2

 B2B3D4

Harmonies

Analogous

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



E29A3C



B2AD34



75BA52

Triad

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



B2AD34



00C1F1



FC7DCC

Complementary

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



B2AD34



3439B2

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.



C891FB



B2AD34



00B8FF

Square

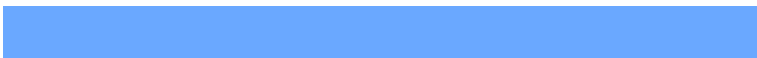
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B2AD34



00C4BE



6AA8FF



FF7795

Rectangle

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



B2AD34



38C073



6AA8FF



EF82DE

Sweetspot

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



B2AD34



E8E6B7



B2343A



757458



F5F5F5



757575

Same Dimension

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



B2AD34



E8E023



79B234



595950



999300



1A1800

Inverse Universe

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



3439B2



232BE8



6D34B2



505159



000699



00011A

Previews

White Background



This preview shows how the Hex color B2AD34 looks on a white background.

Color Contrast Check

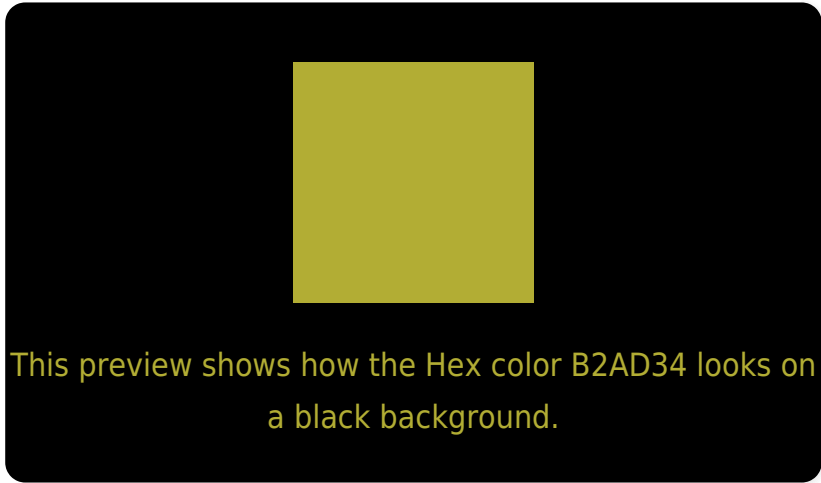
Large Text (above 18pt) WCAG AA × Fail

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 B2AD34 Background



This preview shows how black text looks on a background with the Hex color B2AD34.



This preview shows how white text looks on a background with the Hex color B2AD34.

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
B2AD34

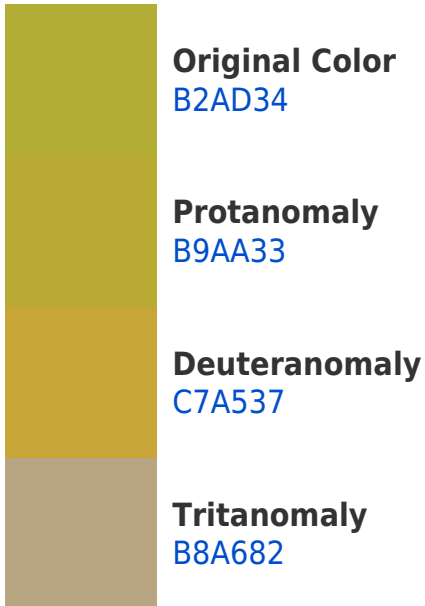
Protanopia
BDA933

Deuteranopia
D3A039

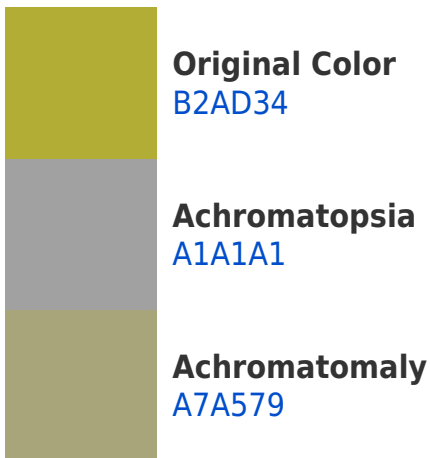


Tritanopia
BCA2AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2AD34 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 #B2AD34 looks like.

```
.text, #text, p{  
    color:#B2AD34  
}
```

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 #B2AD34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2AD34
}
```

Border

The CSS property to change the border of an element to Hex B2AD34 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
#B2AD34 }
```

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

```
.border{ border-color:#B2AD34 }
```

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

Here you see how a box with a 4 pixel #B2AD34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2AD34; -webkit-box-shadow:4px 4px  
4px 4px #B2AD34; box-shadow:4px 4px 4px  
4px #B2AD34 }
```

Background

The CSS property to change the background color of an element to Hex B2AD34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2AD34 }
```

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

```
.background{ background-color:#B2AD34 }
```

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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