

Converting Colors

Hex(B2AF62)

Have a look what the booklet for
Hex(B2AF62) contains.

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Color

Hex(B2AF62)

Conversions

Conversions Part 1

Format	Color
Hex	B2AF62
RGB	178, 175, 98
RGB Percent	70%, 69%, 38%
CMY	0.3020, 0.3137, 0.6157
CMYK	0.00, 0.02, 0.45, 0.30
HSL	58°, 34%, 54%
HSV	58°, 45%, 70%
XYZ	35.8947, 41.0068, 17.5785
YIQ	167.1190, 26.5050, -23.3110

Conversions

Conversions Part 2

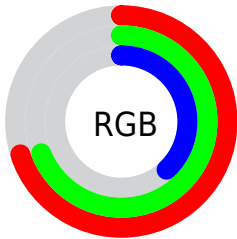
Format	Color
RYB	101, 178, 98
Decimal	11710306
CIELab	70.18, -10.06, 39.68
CIELCh	70, 40.940, 104.222
Yxy	41.0068, 0.3799, 0.4340
Android (android.graphics.Color)	4289900386 (0xFFB2AF62)
YUV	167.1190, -34.0757, 9.5426
Hunter-Lab	64.0365, -12.0085, 28.5500

Details

The Hex color **B2AF62** is a light color, and the websafe version is hex **999933**. A complement of this color would be **6265B2**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **EBE696**, and **7C7B31** is the 20% darker color. If you saturate the color by 10%, you get **B2AE50**, and if you desaturate by 10%, it is **B2B074**.

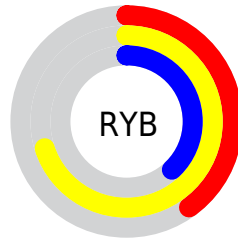
Distribution



Red (70%)

Green (69%)

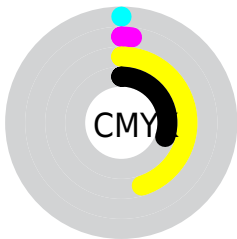
Blue (38%)



Red (40%)

Yellow (70%)

Blue (38%)

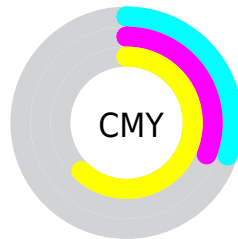


Cyan (0%)

Magenta (2%)

Yellow (45%)

Black (30%)



Cyan (30%)

Magenta (31%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2AF62 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 B2AF62 by changing the saturation by 10% instead.



B2AF62



B2AF62

FFFFFF



969449



EBE696



7C7B31



FFFFB1



616218



FFFFCD



484A00



FFFEEA



303400



181F00



000100



000000



B2AF62



B2AF62

 B2AE50

 B2B074

 B2AE3E

 B2B086

 B2AD2D

 B2B197

 B2AC1B

 B2B2A9

 B2AC09

 B2B2BB

 B2AB00

 B2B3CD

 B2B4DF

 B2B4F0

 B2B5FF

Harmonies

Analogous

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



D4A364



B2AF62



89B875

Triad

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



B2AF62



00BCDE



E791C1

Complementary

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



B2AF62



6265B2

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.



C69BE1



B2AF62



4CB5F2

Square

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



B2AF62



00BFBD



91A9F3



F48E9B

Rectangle

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



B2AF62



69BC8A



91A9F3



DF93CD

Sweetspot

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



B2AF62



E8E7CA



B26266



757563



F5F5F5



757575

Same Dimension

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



B2AF62



E8E36B



8EB262



595950



999300



1A1900

Inverse Universe

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



6265B2



6B6FE8



8662B2



505159



000699



00011A

Previews

White Background



This preview shows how the Hex color B2AF62 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

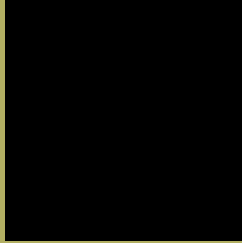
Any Text WCAG AA ✓ Pass

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 B2AF62 Background



This preview shows how black text looks on a background with the Hex color B2AF62.



This preview shows how white text looks on a background with the Hex color B2AF62.

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

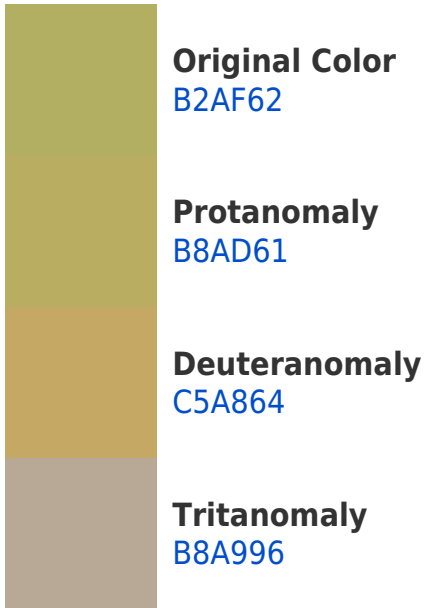


Original Color
B2AF62

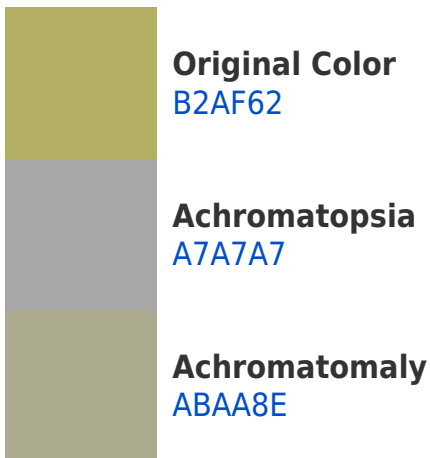
Protanopia
BCAC61

Deuteranopia
D0A465

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2AF62 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 #B2AF62 looks like.

```
.text, #text, p{  
    color:#B2AF62  
}
```

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 #B2AF62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2AF62
}
```

Border

The CSS property to change the border of an element to Hex B2AF62 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
#B2AF62 }
```

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

```
.border{ border-color:#B2AF62 }
```

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

Here you see how a box with a 4 pixel #B2AF62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2AF62; -webkit-box-shadow:4px 4px  
4px 4px #B2AF62; box-shadow:4px 4px 4px  
4px #B2AF62 }
```

Background

The CSS property to change the background color of an element to Hex B2AF62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2AF62 }
```

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

```
.background{ background-color:#B2AF62 }
```

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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