

Converting Colors

Hex(B2AB22)

Have a look what the booklet for
Hex(B2AB22) contains.

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Color

Hex(B2AB22)

Conversions

Conversions Part 1

Format	Color
Hex	B2AB22
RGB	178, 171, 34
RGB Percent	70%, 67%, 13%
CMY	0.3020, 0.3294, 0.8667
CMYK	0.00, 0.04, 0.81, 0.30
HSL	57°, 68%, 42%
HSV	57°, 81%, 70%
XYZ	33.2117, 38.7063, 7.2340
YIQ	157.4750, 48.1490, -41.1230

Conversions

Conversions Part 2

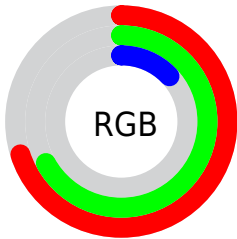
Format	Color
R _{YB}	41, 178, 34
Decimal	11709218
CIE Lab	68.54, -12.22, 64.75
CIE LCh	69, 65.894, 100.684
Yxy	38.7063, 0.4196, 0.4890
Android (android.graphics.Color)	4289899298 (0xFFB2AB22)
YUV	157.4750, -60.8732, 18.0004
Hunter-Lab	62.2144, -13.5870, 36.6561

Details

The Hex color **B2AB22** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2229B2**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **EDE25C**, and **797700** is the 20% darker color. If you saturate the color by 10%, you get **B2AA10**, and if you desaturate by 10%, it is **B2AC34**.

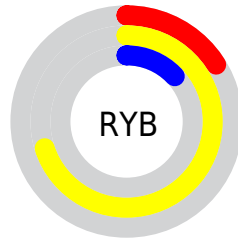
Distribution



Red (70%)

Green (67%)

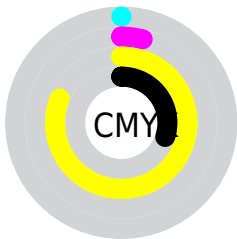
Blue (13%)



Red (16%)

Yellow (70%)

Blue (13%)

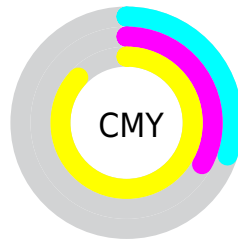


Cyan (0%)

Magenta (4%)

Yellow (81%)

Black (30%)



Cyan (30%)

Magenta (33%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2AB22 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 B2AB22 by changing the saturation by 10% instead.



B2AB22



B2AB22

FFFFFF



959100



EDE25C



797700



FFFF78



5E5F00



FFFF93



434700



FFFFB0



293100



FFFFCC



0F1C00



FFFFE9



000000



B2AB22



B2AB22



B2AA10



B2AC34

 B2A900

 B2AD46

 B2AE57

 B2AE69

 B2AF7B

 B2B08D

 B2B19F

 B2B2B0

 B2B3C2

Harmonies

Analogous

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



E59630



B2AB22



71B946

Triad

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



B2AB22



00C1F4



FF76D0

Complementary

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



B2AB22



2229B2

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.



C68EFF



B2AB22



00B8FF

Square

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



B2AB22



00C4BB



54A7FF



FF6E94

Rectangle

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



B2AB22



25BF6A



54A7FF



F07DE3

Sweetspot

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



B2AB22



E8E5B0



B22229



757453



F5F5F5



757575

Same Dimension

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



B2AB22



E8DD07



71B222



595950



999200



1A1800

Inverse Universe

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



2229B2



0712E8



6322B2



505159



000799



00011A

Previews

White Background



This preview shows how the Hex color B2AB22 looks on a white background.

Color Contrast Check

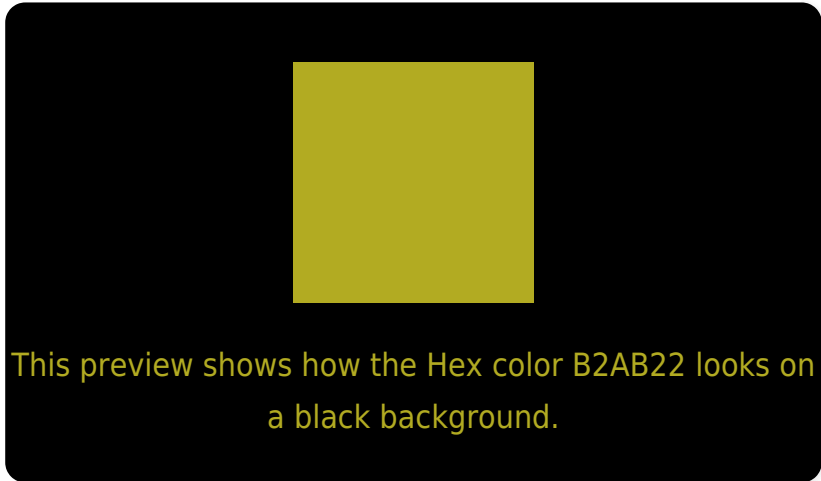
Large Text (above 18pt) WCAG AA × Fail

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 B2AB22 Background



This preview shows how black text looks on a background with the Hex color B2AB22.



This preview shows how white text looks on a background with the Hex color B2AB22.

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
B2AB22

Protanopia
BCA821

Deuteranopia
D29F29



Tritanopia
BD9FAC

Trichromacy



Original Color
B2AB22

Protanomaly
B8A921

Deuteranomaly
C6A326

Tritanomaly
B9A37A

Monochromacy



Original Color
B2AB22

Achromatopsia
9D9D9D

Achromatomaly
A5A270

CSS Examples

Text

The CSS property to change the color of the text to Hex B2AB22 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 #B2AB22 looks like.

```
.text, #text, p{  
  color:#B2AB22  
}
```

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 #B2AB22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2AB22
}
```

Border

The CSS property to change the border of an element to Hex B2AB22 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
#B2AB22 }
```

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

```
.border{ border-color:#B2AB22 }
```

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

Here you see how a box with a 4 pixel #B2AB22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2AB22; -webkit-box-shadow:4px 4px  
4px 4px #B2AB22; box-shadow:4px 4px 4px  
4px #B2AB22 }
```

Background

The CSS property to change the background color of an element to Hex B2AB22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2AB22 }
```

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

```
.background{ background-color:#B2AB22 }
```

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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