

Converting Colors

Hex(B2AA0C)

Have a look what the booklet for
Hex(B2AA0C) contains.

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Color

Hex(B2AA0C)

Conversions

Conversions Part 1

Format	Color
Hex	B2AA0C
RGB	178, 170, 12
RGB Percent	70%, 67%, 5%
CMY	0.3020, 0.3333, 0.9529
CMYK	0.00, 0.04, 0.93, 0.30
HSL	57°, 87%, 37%
HSV	57°, 93%, 70%
XYZ	32.8012, 38.2410, 6.0003
YIQ	154.3800, 55.4860, -47.4420

Conversions

Conversions Part 2

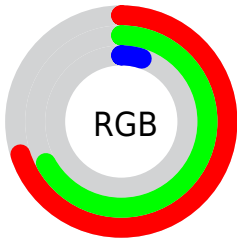
Format	Color
RYB	20, 178, 12
Decimal	11708940
CIELab	68.20, -12.21, 69.06
CIELCh	68, 70.131, 100.024
Yxy	38.2410, 0.4258, 0.4964
Android (android.graphics.Color)	4289899020 (0xFFB2AA0C)
YUV	154.3800, -70.1933, 20.7147
Hunter-Lab	61.8393, -13.5377, 37.5346

Details

The Hex color **B2AA0C** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0C14B2**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **EDE151**, and **797600** is the 20% darker color. If you saturate the color by 10%, you get **B2A900**, and if you desaturate by 10%, it is **B2AB1E**.

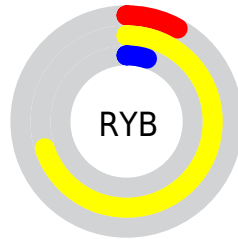
Distribution



Red (70%)

Green (67%)

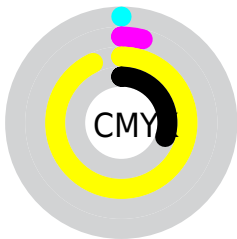
Blue (5%)



Red (8%)

Yellow (70%)

Blue (5%)

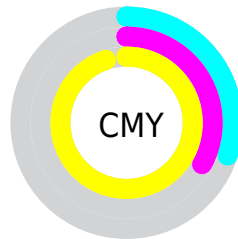


Cyan (0%)

Magenta (4%)

Yellow (93%)

Black (30%)



Cyan (30%)

Magenta (33%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2AA0C 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 B2AA0C by changing the saturation by 10% instead.



B2AA0C



B2AA0C

FFFFFF



959000



EDE151



797600



FFFD6D



5D5E00



FFFF89



424600



FFFFA5



283000



FFFFC2



0E1C00



FFFFDF



000000



FFFFFC



B2AA0C



B2AA0C

 B2A900

 B2AB1E

 B2AC30

 B2AD41

 B2AD53

 B2AE65

 B2AF77

 B2B089

 B2B19A

 B2B2AC

Harmonies

Analogous

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



E89325



B2AA0C



6CB93C

Triad

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



B2AA0C



00C2F6



FF71D3

Complementary

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



B2AA0C



0C14B2

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.



C48CFF



B2AA0C



00B9FF

Square

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



B2AA0C



00C4BA



3CA7FF



FF6794

Rectangle

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



B2AA0C



05BF63



3CA7FF



F279E7

Sweetspot

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



B2AA0C



E8E5A7



B20C14



75734D



F5F5F5



757575

Same Dimension

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



B2AA0C



E8DD00



67B20C



595950



999200



1A1800

Inverse Universe

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



0C14B2



000BE8



570CB2



505159



000799



00011A

Previews

White Background



This preview shows how the Hex color B2AA0C looks on a white background.

Color Contrast Check

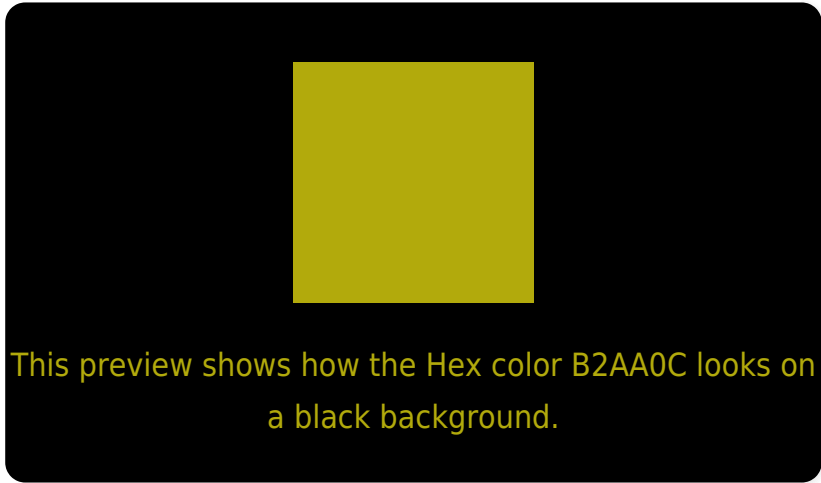
Large Text (above 18pt) WCAG AA × Fail

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 B2AA0C Background



This preview shows how black text looks on a background with the Hex color B2AA0C.



This preview shows how white text looks on a background with the Hex color B2AA0C.

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
B2AA0C

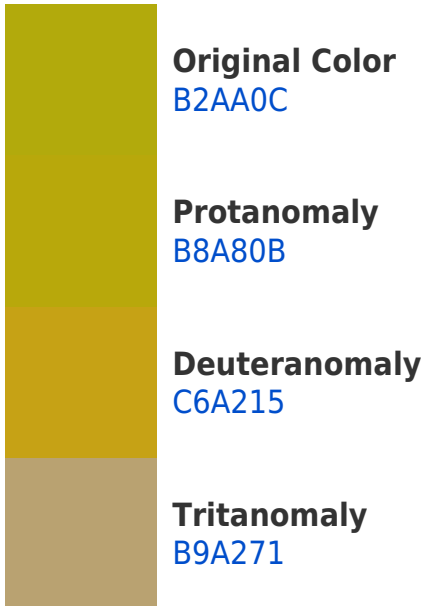
Protanopia
BCA70A

Deuteranopia
D29E1A



Tritanopia
BD9EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2AA0C 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 #B2AA0C looks like.

```
.text, #text, p{  
    color:#B2AA0C  
}
```

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 #B2AA0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2AA0C
}
```

Border

The CSS property to change the border of an element to Hex B2AA0C 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
#B2AA0C }
```

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

```
.border{ border-color:#B2AA0C }
```

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

Here you see how a box with a 4 pixel #B2AA0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2AA0C; -webkit-box-shadow:4px 4px  
4px 4px #B2AA0C; box-shadow:4px 4px 4px  
4px #B2AA0C }
```

Background

The CSS property to change the background color of an element to Hex B2AA0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2AA0C }
```

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

```
.background{ background-color:#B2AA0C }
```

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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