

Converting Colors

Hex(B0A900)

Have a look what the booklet for
Hex(B0A900) contains.

Hex(B0A900)	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(B0A900)

Conversions

Conversions Part 1

Format	Color
Hex	B0A900
RGB	176, 169, 0
RGB Percent	69%, 66%, 0%
CMY	0.3098, 0.3373, 1.0000
CMYK	0.00, 0.04, 1.00, 0.31
HSL	58°, 100%, 35%
HSV	58°, 100%, 69%
XYZ	32.0925, 37.6060, 5.5672
YIQ	151.8270, 58.4210, -51.0750

Conversions

Conversions Part 2

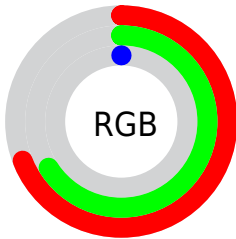
Format	Color
RYB	7, 176, 0
Decimal	11577600
CIELab	67.73, -12.73, 70.13
CIELCh	68, 71.275, 100.290
Yxy	37.6060, 0.4264, 0.4996
Android (android.graphics.Color)	4289767680 (0xFFB0A900)
YUV	151.8270, -74.8507, 21.1997
Hunter-Lab	61.3238, -13.9025, 37.5440

Details

The Hex color **B0A900** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0007B0**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **EBE04D**, and **777500** is the 20% darker color. If you saturate the color by 10%, you get **B0A900**, and if you desaturate by 10%, it is **B0AA12**.

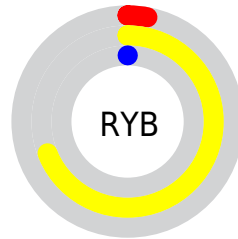
Distribution



Red (69%)

Green (66%)

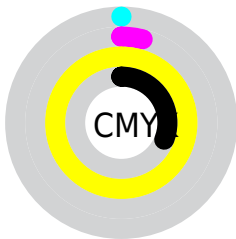
Blue (0%)



Red (3%)

Yellow (69%)

Blue (0%)

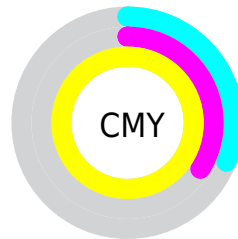


Cyan (0%)

Magenta (4%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (34%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0A900 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 B0A900 by changing the saturation by 10% instead.

 B0A900

 B0A900

FFFFFF

 938F00

 EBE04D

 777500

 FFFC69

 5B5D00

 FFFF85

 404600

 FFFFA1

 262F00

 FFFFBE

 0A1B00

 FFFFDB

 000000

 FFFFF8

 B0A900

 B0AA12

 B0AA23

 B0AB35

 B0AC46

 B0AC58

 B0AD6A

 B0AE7B

 B0AF8D

 B0AF9E

Harmonies

Analogous

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



E7921F



B0A900



69B839

Triad

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



B0A900



00C1F7



FF6ED2

Complementary

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



B0A900



0007B0

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.



C48AFF



B0A900



00B8FF

Square

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



B0A900



00C3BA



36A5FF



FF6492

Rectangle

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



B0A900



00BE62



36A5FF



F276E6

Sweetspot

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



B0A900



E6E3A1



B00009



737149



F2F2F2



737373

Same Dimension

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



B0A900



E6DC00



61B000



595950



999300



1A1800

Inverse Universe

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



0007B0



0009E6



4F00B0



505159



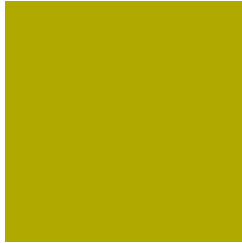
000699



00011A

Previews

White Background



This preview shows how the Hex color B0A900 looks on a white background.

Color Contrast Check

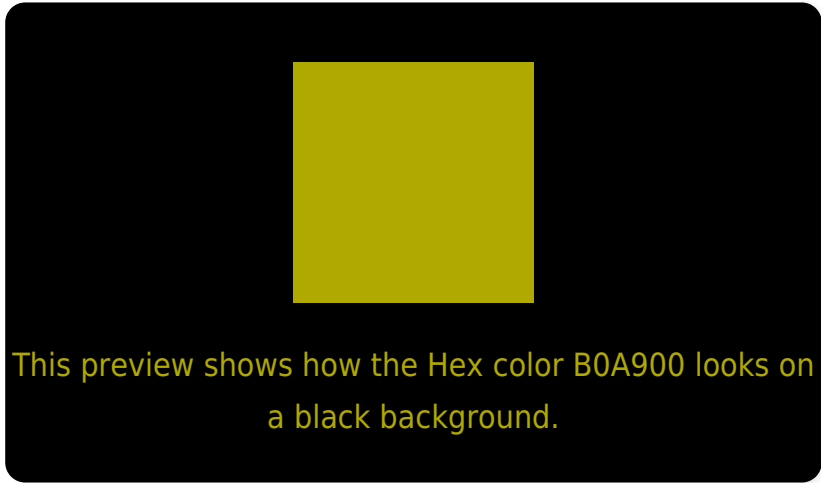
Large Text (above 18pt) WCAG AA × Fail

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 B0A900 Background



This preview shows how black text looks on a background with the Hex color B0A900.



This preview shows how white text looks on a background with the Hex color B0A900.

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
B0A900

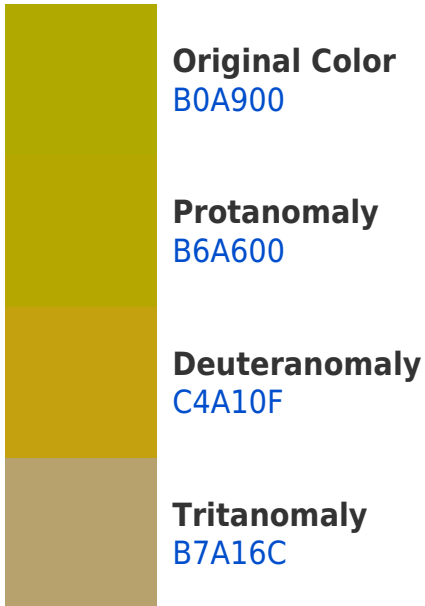
Protanopia
BAA500

Deuteranopia
D09C18

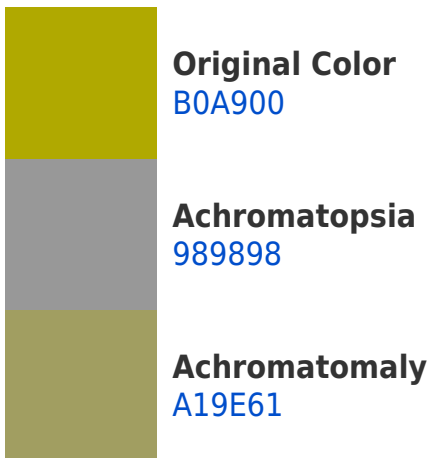


Tritanopia
BB9DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0A900 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 #B0A900 looks like.

```
.text, #text, p{  
    color:#B0A900  
}
```

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 #B0A900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0A900
}
```

Border

The CSS property to change the border of an element to Hex B0A900 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
#B0A900 }
```

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

```
.border{ border-color:#B0A900 }
```

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

Here you see how a box with a 4 pixel #B0A900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0A900; -webkit-box-shadow:4px 4px  
4px 4px #B0A900; box-shadow:4px 4px 4px  
4px #B0A900 }
```

Background

The CSS property to change the background color of an element to Hex B0A900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0A900 }
```

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

```
.background{ background-color:#B0A900 }
```

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