

Converting Colors

Hex(B0B90A)

Have a look what the booklet for
Hex(B0B90A) contains.

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Color

Hex(B0B90A)

Conversions

Conversions Part 1

Format	Color
Hex	B0B90A
RGB	176, 185, 10
RGB Percent	69%, 73%, 4%
CMY	0.3098, 0.2745, 0.9608
CMYK	0.05, 0.00, 0.95, 0.27
HSL	63°, 90%, 38%
HSV	63°, 95%, 73%
XYZ	35.3082, 43.9499, 6.9094
YIQ	162.3590, 50.8110, -56.3330

Conversions

Conversions Part 2

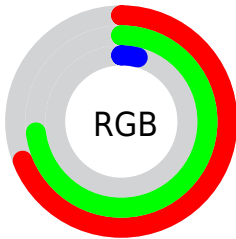
Format	Color
RYB	10, 185, 19
Decimal	11581706
CIELab	72.20, -20.72, 72.29
CIELCh	72, 75.198, 105.994
Yxy	43.9499, 0.4098, 0.5101
Android (android.graphics.Color)	4289771786 (0xFFB0B90A)
YUV	162.3590, -75.1130, 11.9632
Hunter-Lab	66.2948, -20.9476, 40.2270

Details

The Hex color **B0B90A** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **130AB9**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **EBF153**, and **778400** is the 20% darker color. If you saturate the color by 10%, you get **AFB900**, and if you desaturate by 10%, it is **B1B91C**.

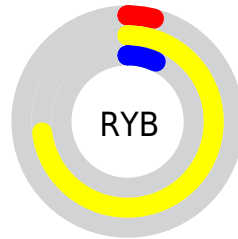
Distribution



Red (69%)

Green (73%)

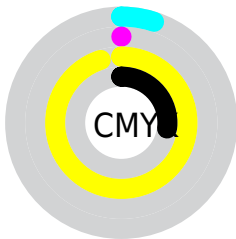
Blue (4%)



Red (4%)

Yellow (73%)

Blue (7%)

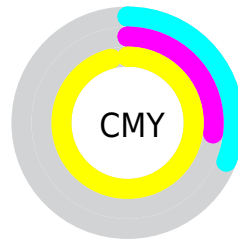


Cyan (5%)

Magenta (0%)

Yellow (95%)

Black (27%)



Cyan (31%)

Magenta (27%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0B90A 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 B0B90A by changing the saturation by 10% instead.

 B0B90A

 B0B90A

FFFFFF

 939E00

 EBF153

 778400

 FFFF70

 5C6B00

 FFFF8C

 405300

 FFFFA8

 253C00

 FFFFC5

 0A2600

 FFFF E2

 000E00

 000000

 B0B90A

 B0B90A

 AFB900

 B1B91C

 B2B92F

 B3B941

 B4B954

 B5B967

 B6B979

 B7B98B

 B8B99E

 B9B9B1

Harmonies

Analogous

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



EDA217



B0B90A



5EC84A

Triad

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



B0B90A



00CEFF



FF72D4

Complementary

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



B0B90A



130AB9

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.



E28EFF



B0B90A



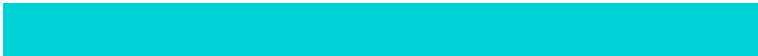
00C2FF

Square

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



B0B90A



00D1D5



6AACFF



FF6E8F

Rectangle

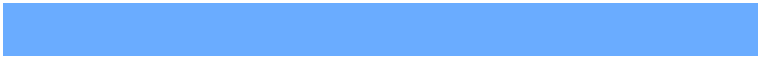
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B0B90A



00CD76



6AACFF



FF79EA

Sweetspot

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



B0B90A



ECF0AD



B9130A



76784F



F7F7F7



787878

Same Dimension

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



B0B90A



E3F000



59B90A



5B5C53



949C00



1B1C00

Inverse Universe

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



130AB9



0C00F0



6A0AB9



53535C



08009C



01001C

Previews

White Background



This preview shows how the Hex color B0B90A looks on a white background.

Color Contrast Check

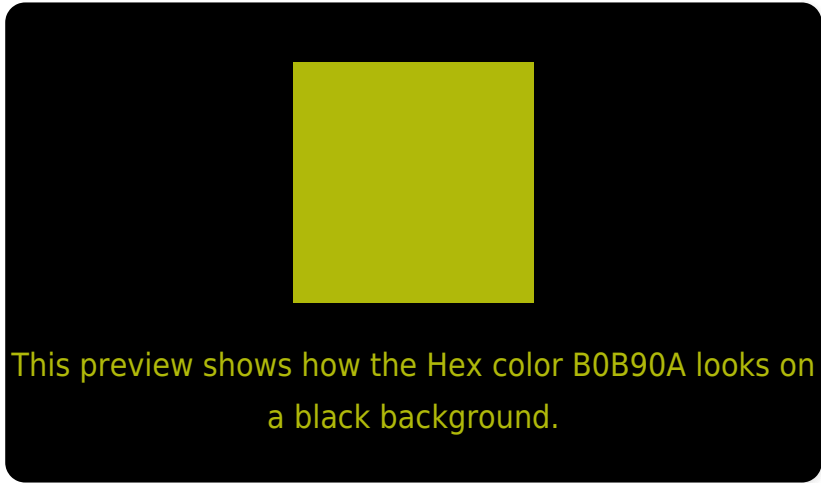
Large Text (above 18pt) WCAG AA × Fail

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 B0B90A Background



This preview shows how black text looks on a background with the Hex color B0B90A.



This preview shows how white text looks on a background with the Hex color B0B90A.

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
B0B90A

Protanopia
C8B100

Deuteranopia
DFA81F

Trichromacy



Original Color
B0B90A

Protanomaly
BFB404

Deuteranomaly
CEAE17

Tritanomaly
B8B179

Monochromacy



Original Color
B0B90A

Achromatopsia
A2A2A2

Achromatomaly
A7AA6B

CSS Examples

Text

The CSS property to change the color of the text to Hex B0B90A 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 #B0B90A looks like.

```
.text, #text, p{  
    color:#B0B90A  
}
```

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 #B0B90A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B90A
}
```

Border

The CSS property to change the border of an element to Hex B0B90A 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
#B0B90A }
```

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

```
.border{ border-color:#B0B90A }
```

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

Here you see how a box with a 4 pixel #B0B90A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B90A; -webkit-box-shadow:4px 4px  
4px 4px #B0B90A; box-shadow:4px 4px 4px  
4px #B0B90A }
```

Background

The CSS property to change the background color of an element to Hex B0B90A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B90A }
```

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

```
.background{ background-color:#B0B90A }
```

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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