

Converting Colors

Hex(B1BA00)

Have a look what the booklet for
Hex(B1BA00) contains.

Hex(B1BA00)	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(B1BA00)

Conversions

Conversions Part 1

Format	Color
Hex	B1BA00
RGB	177, 186, 0
RGB Percent	69%, 73%, 0%
CMY	0.3059, 0.2706, 1.0000
CMYK	0.05, 0.00, 1.00, 0.27
HSL	63°, 100%, 36%
HSV	63°, 100%, 73%
XYZ	35.6904, 44.4649, 6.7015
YIQ	162.1050, 54.3420, -59.7540

Conversions

Conversions Part 2

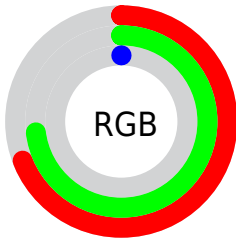
Format	Color
RYB	0, 186, 9
Decimal	11647488
CIELab	72.54, -20.91, 73.69
CIELCh	73, 76.596, 105.840
Yxy	44.4649, 0.4109, 0.5119
Android (android.graphics.Color)	4289837568 (0xFFB1BA00)
YUV	162.1050, -79.9178, 13.0629
Hunter-Lab	66.6820, -21.1546, 40.7188

Details

The Hex color **B1BA00** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **0900BA**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **ECF250**, and **788500** is the 20% darker color. If you saturate the color by 10%, you get **B1BA00**, and if you desaturate by 10%, it is **B2BA13**.

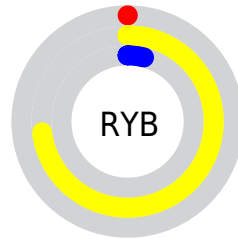
Distribution



Red (69%)

Green (73%)

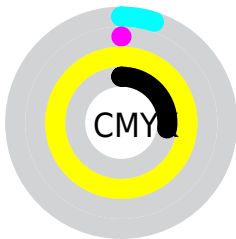
Blue (0%)



Red (0%)

Yellow (73%)

Blue (4%)

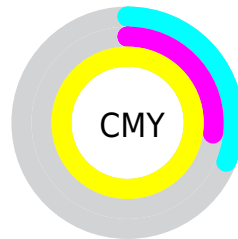


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (27%)



Cyan (31%)

Magenta (27%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1BA00 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 B1BA00 by changing the saturation by 10% instead.

 B1BA00

 B1BA00

FFFFFF

 949F00

 ECF250

 788500

 FFFF6D

 5C6C00

 FFFF8A

 405400

 FFFFA6

 263D00

 FFFFC3

 0B2700

 FFFFEO

 001000

FFFFFFE

 000000

 B1BA00

 B2BA13

 B3BA25

 B4BA38

 B5BA4A

 B6BA5D

 B6BA70

 B7BA82

 B8BA95

 B9BAA7

Harmonies

Analogous

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



EFA311



B1BA00



5DC948

Triad

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



B1BA00



00CFFF



FF71D6

Complementary

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



B1BA00



0900BA

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.



E48EFF



B1BA00



00C3FF

Square

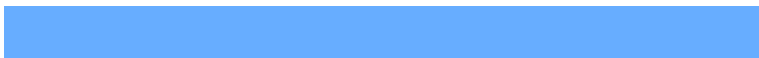
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B1BA00



00D3D6



67ADFF



FF6D90

Rectangle

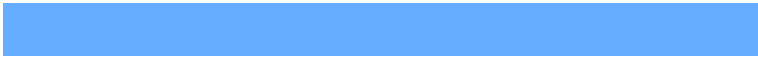
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B1BA00



00CF75



67ADFF



FF79ED

Sweetspot

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



B1BA00



EFF2AA



BA0600



787A4E



FAFAFA



7A7A7A

Same Dimension

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



B1BA00



E7F200



57BA00



5B5C53



949C00



1B1C00

Inverse Universe

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



0900BA



0C00F2



6300BA



53535C



08009C



01001C

Previews

White Background



This preview shows how the Hex color B1BA00 looks on a white background.

Color Contrast Check

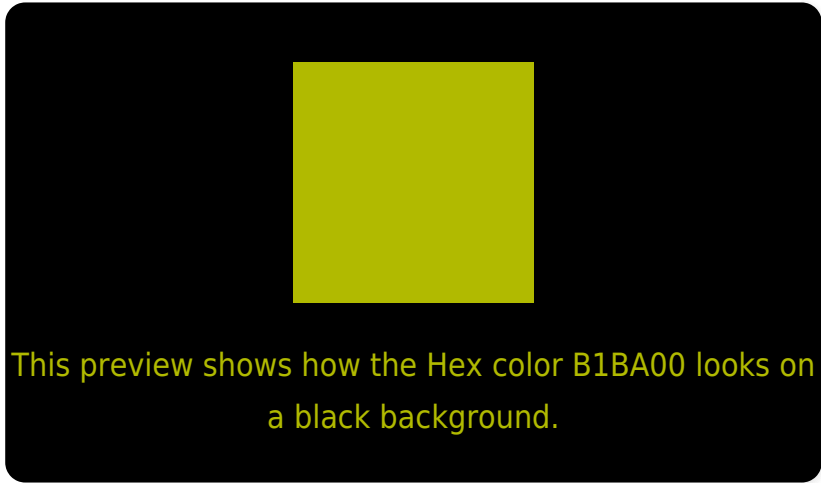
Large Text (above 18pt) WCAG AA × Fail

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 B1BA00 Background



This preview shows how black text looks on a background with the Hex color B1BA00.

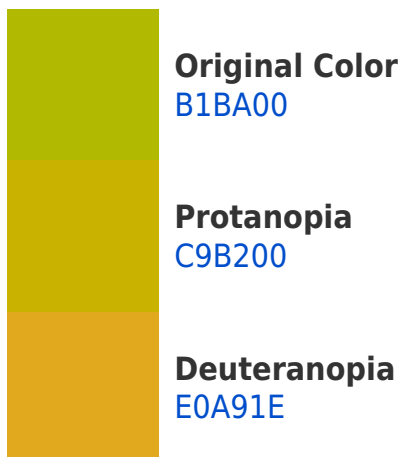


This preview shows how white text looks on a background with the Hex color B1BA00.

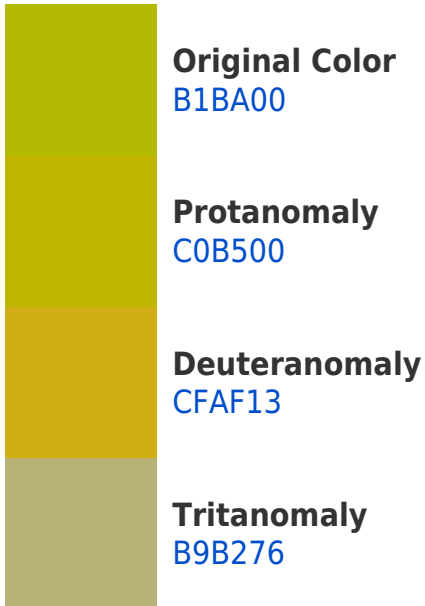
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1BA00 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 #B1BA00 looks like.

```
.text, #text, p{  
    color:#B1BA00  
}
```

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 #B1BA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1BA00
}
```

Border

The CSS property to change the border of an element to Hex B1BA00 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
#B1BA00 }
```

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

```
.border{ border-color:#B1BA00 }
```

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

Here you see how a box with a 4 pixel #B1BA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1BA00; -webkit-box-shadow:4px 4px  
4px 4px #B1BA00; box-shadow:4px 4px 4px  
4px #B1BA00 }
```

Background

The CSS property to change the background color of an element to Hex B1BA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1BA00 }
```

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

```
.background{ background-color:#B1BA00 }
```

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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