

Converting Colors

Hex(B1B100)

Have a look what the booklet for
Hex(B1B100) contains.

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Color

Hex(B1B100)

Conversions

Conversions Part 1

Format	Color
Hex	B1B100
RGB	177, 177, 0
RGB Percent	69%, 69%, 0%
CMY	0.3059, 0.3059, 1.0000
CMYK	0.00, 0.00, 1.00, 0.31
HSL	60°, 100%, 35%
HSV	60°, 100%, 69%
XYZ	33.8536, 40.7914, 6.0893
YIQ	156.8220, 56.8170, -55.0470

Conversions

Conversions Part 2

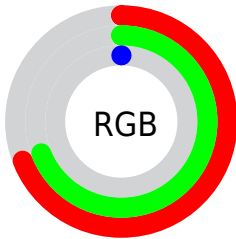
Format	Color
RYB	0, 177, 0
Decimal	11645184
CIELab	70.03, -16.39, 71.84
CIELCh	70, 73.690, 102.852
Yxy	40.7914, 0.4193, 0.5053
Android (android.graphics.Color)	4289835264 (0xFFB1B100)
YUV	156.8220, -77.3132, 17.6961
Hunter-Lab	63.8681, -17.1545, 39.0549

Details

The Hex color **B1B100** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **0000B1**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **ECE84E**, and **787D00** is the 20% darker color. If you saturate the color by 10%, you get **B1B100**, and if you desaturate by 10%, it is **B1B112**.

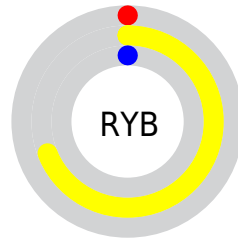
Distribution



Red (69%)

Green (69%)

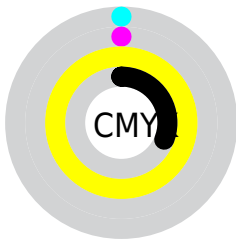
Blue (0%)



Red (0%)

Yellow (69%)

Blue (0%)

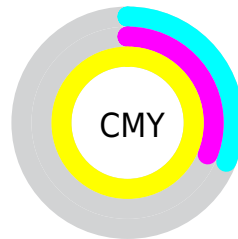


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1B100 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 B1B100 by changing the saturation by 10% instead.

 B1B100

 B1B100

FFFFFF

 949600

 ECE84E

 787D00

 FFFF6B

 5C6400

 FFFF87

 414C00

 FFFFA4

 273600

 FFFFC0

 0D2100

 FFFFDD

 000000

 FFFFFB

 B1B100

 B1B112

 B1B123

 B1B135

 B1B147

 B1B159

 B1B16A

 B1B17C

 B1B18E

 B1B19F

Harmonies

Analogous

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



EB9A1A



B1B100



64C040

Triad

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



B1B100



00C8FF



FF6FD4

Complementary

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



B1B100



0000B1

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.



D38CFF



B1B100



00BDFF

Square

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



B1B100



00CAC7



4FA9FF



FF6891

Rectangle

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



B1B100



00C66B



4FA9FF



FF78E9

Sweetspot

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



B1B100



E6E6A1



B10000



737349



F2F2F2



737373

Same Dimension

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



B1B100



E6E600



59B100



595950



999900



1A1A00

Inverse Universe

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



0000B1



0000E6



5900B1



505059



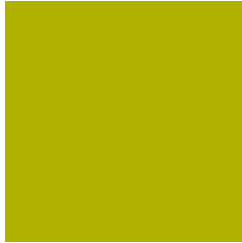
000099



00001A

Previews

White Background



This preview shows how the Hex color B1B100 looks on a white background.

Color Contrast Check

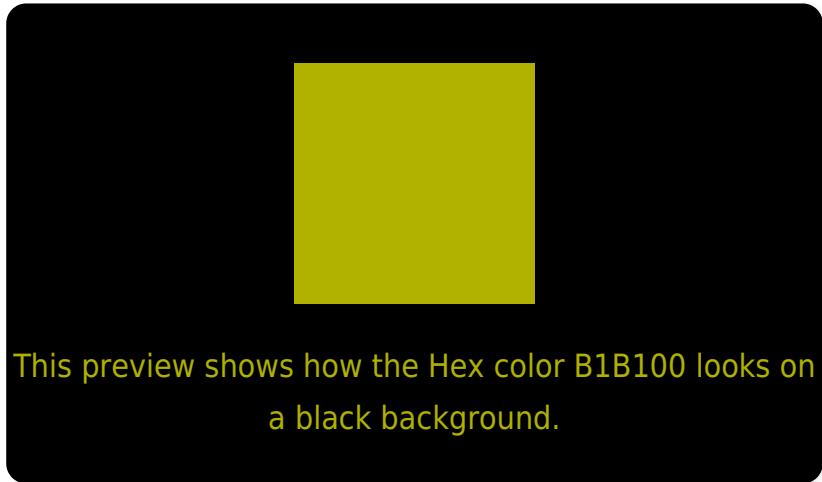
Large Text (above 18pt) WCAG AA × Fail

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 B1B100 Background



This preview shows how black text looks on a background with the Hex color B1B100.

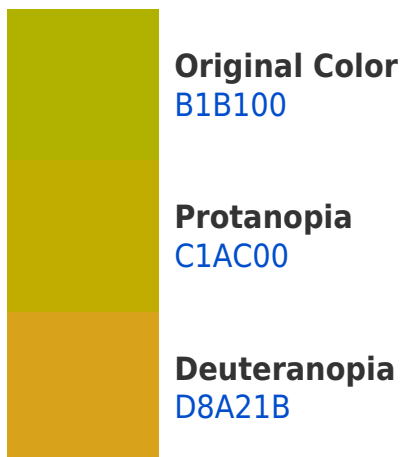


This preview shows how white text looks on a background with the Hex color B1B100.

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



Original Color
B1B100

Protanomaly
BBAE00

Deuteranomaly
CAA711

Tritanomaly
B9A971

Monochromacy



Original Color
B1B100

Achromatopsia
9D9D9D

Achromatomaly
A4A464

CSS Examples

Text

The CSS property to change the color of the text to Hex B1B100 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 #B1B100 looks like.

```
.text, #text, p{  
    color:#B1B100  
}
```

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 #B1B100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1B100
}
```

Border

The CSS property to change the border of an element to Hex B1B100 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
#B1B100 }
```

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

```
.border{ border-color:#B1B100 }
```

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

Here you see how a box with a 4 pixel #B1B100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1B100; -webkit-box-shadow:4px 4px  
4px 4px #B1B100; box-shadow:4px 4px 4px  
4px #B1B100 }
```

Background

The CSS property to change the background color of an element to Hex B1B100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1B100 }
```

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

```
.background{ background-color:#B1B100 }
```

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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