

Converting Colors

Hex(B1B168)

Have a look what the booklet for
Hex(B1B168) contains.

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Color

Hex(B1B168)

Conversions

Conversions Part 1

Format	Color
Hex	B1B168
RGB	177, 177, 104
RGB Percent	69%, 69%, 41%
CMY	0.3059, 0.3059, 0.5922
CMYK	0.00, 0.00, 0.41, 0.31
HSL	60°, 32%, 55%
HSV	60°, 41%, 69%
XYZ	36.3523, 41.7909, 19.2472
YIQ	168.6780, 23.4330, -22.7030

Conversions

Conversions Part 2

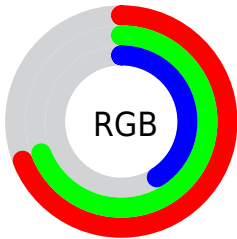
Format	Color
RYB	104, 177, 104
Decimal	11645288
CIELab	70.73, -10.88, 37.28
CIELCh	71, 38.839, 106.270
Yxy	41.7909, 0.3733, 0.4291
Android (android.graphics.Color)	4289835368 (0xFFB1B168)
YUV	168.6780, -31.8863, 7.2984
Hunter-Lab	64.6459, -12.7544, 27.5995

Details

The Hex color **B1B168** is a light color, and the websafe version is hex **999966**. A complement of this color would be **6868B1**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **EAE99C**, and **7B7D37** is the 20% darker color. If you saturate the color by 10%, you get **B1B156**, and if you desaturate by 10%, it is **B1B17A**.

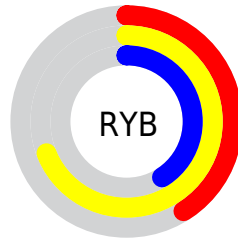
Distribution



Red (69%)

Green (69%)

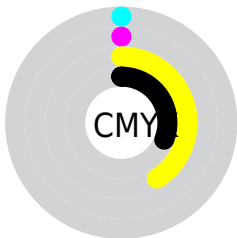
Blue (41%)



Red (41%)

Yellow (69%)

Blue (41%)

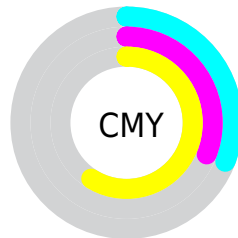


Cyan (0%)

Magenta (0%)

Yellow (41%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1B168 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 B1B168 by changing the saturation by 10% instead.

 B1B168

 B1B168

FFFFFF

 96964F

 EAE99C

 7B7D37


 FFFF88

 61641F

 FFFF80

 484C04

 FFFFF0

 313500

 182000

 000500

 000000

 B1B168

 B1B168

 B1B156

 B1B17A

 B1B145

 B1B18B

 B1B133

 B1B19D

 B1B121

 B1B1AF

 B1B10F

 B1B1C0

 B1B100

 B1B1D2

 B1B1E4

 B1B1F6

 B1B1FF

Harmonies

Analogous

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



D2A568



B1B168



89BA7B

Triad

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



B1B168



14BDDF



E893BF

Complementary

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



B1B168



6868B1

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.



C99DDE



B1B168



5CB5F1

Square

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



B1B168



23C0C0



99AAF1



F2929B

Rectangle

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



B1B168



6BBE8F



99AAF1



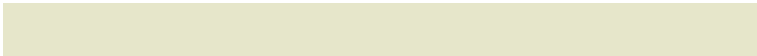
E096CA

Sweetspot

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



B1B168



E6E6CA



B16868



737363



F2F2F2



737373

Same Dimension

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



B1B168



E6E675



8CB168



595950



999900



1A1A00

Inverse Universe

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



6868B1



7575E6



8C68B1



505059



000099



00001A

Previews

White Background



This preview shows how the Hex color B1B168 looks on a white background.

Color Contrast Check

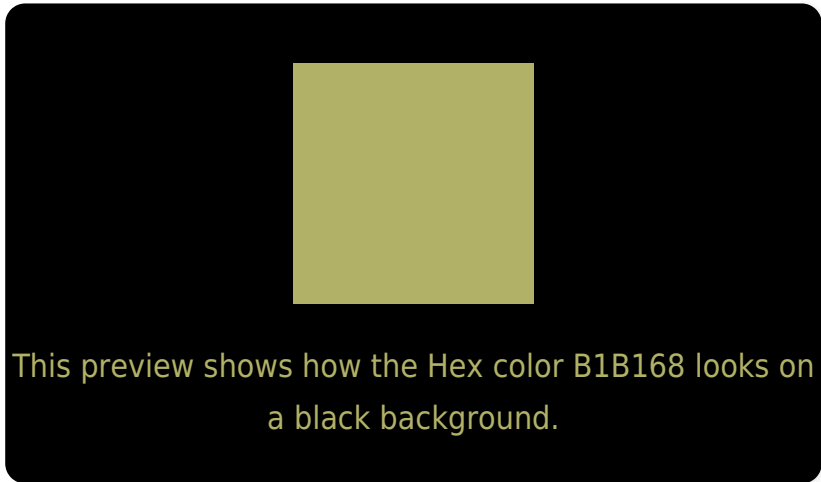
Large Text (above 18pt) WCAG AA × Fail

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

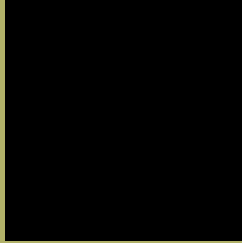
Any Text WCAG AA ✓ Pass

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 B1B168 Background



This preview shows how black text looks on a background with the Hex color B1B168.

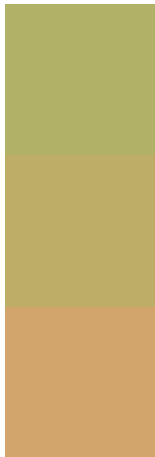


This preview shows how white text looks on a background with the Hex color B1B168.

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
B1B168

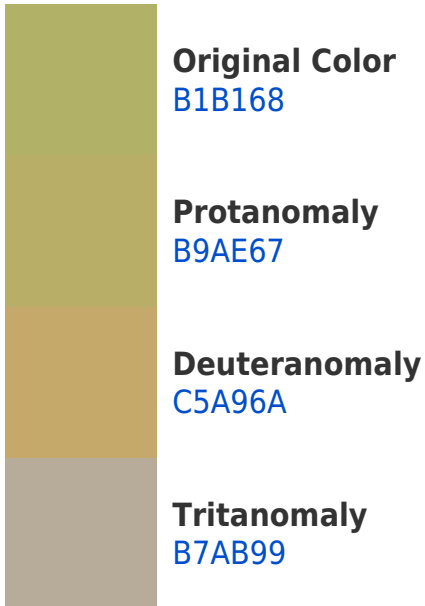
Protanopia
BDAD67

Deuteranopia
D1A56B

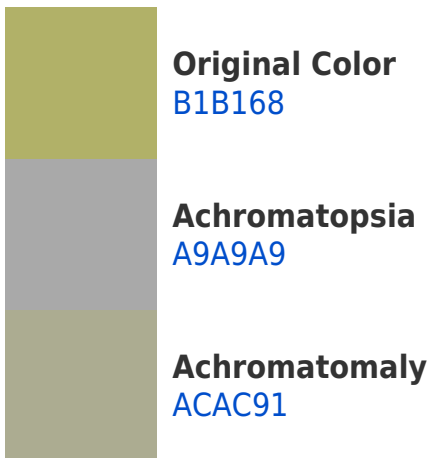


Tritanopia
BAA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1B168 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 #B1B168 looks like.

```
.text, #text, p{  
    color:#B1B168  
}
```

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 #B1B168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1B168
}
```

Border

The CSS property to change the border of an element to Hex B1B168 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
#B1B168 }
```

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

```
.border{ border-color:#B1B168 }
```

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

Here you see how a box with a 4 pixel #B1B168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1B168; -webkit-box-shadow:4px 4px  
4px 4px #B1B168; box-shadow:4px 4px 4px  
4px #B1B168 }
```

Background

The CSS property to change the background color of an element to Hex B1B168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1B168 }
```

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

```
.background{ background-color:#B1B168 }
```

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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