

Converting Colors

Hex(B1B158)

Have a look what the booklet for
Hex(B1B158) contains.

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Color

Hex(B1B158)

Conversions

Conversions Part 1

Format	Color
Hex	B1B158
RGB	177, 177, 88
RGB Percent	69%, 69%, 35%
CMY	0.3059, 0.3059, 0.6549
CMYK	0.00, 0.00, 0.50, 0.31
HSL	60°, 36%, 52%
HSV	60°, 50%, 69%
XYZ	35.6151, 41.4960, 15.3649
YIQ	166.8540, 28.5690, -27.6790

Conversions

Conversions Part 2

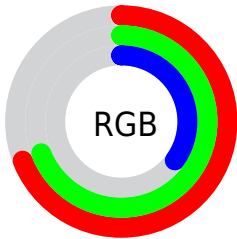
Format	Color
RYB	88, 177, 88
Decimal	11645272
CIELab	70.52, -12.47, 45.05
CIELCh	71, 46.745, 105.472
Yxy	41.4960, 0.3851, 0.4487
Android (android.graphics.Color)	4289835352 (0xFFB1B158)
YUV	166.8540, -38.8750, 8.8980
Hunter-Lab	64.4174, -14.0414, 30.9502

Details

The Hex color **B1B158** is a light color, and the websafe version is hex **999933**. A complement of this color would be **5858B1**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **EAE98C**, and **7A7D25** is the 20% darker color. If you saturate the color by 10%, you get **B1B146**, and if you desaturate by 10%, it is **B1B16A**.

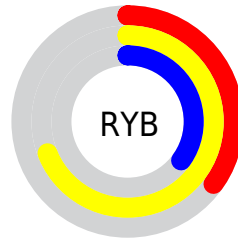
Distribution



Red (69%)

Green (69%)

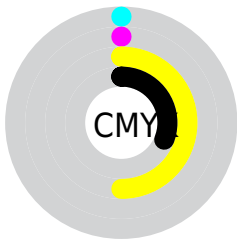
Blue (35%)



Red (35%)

Yellow (69%)

Blue (35%)

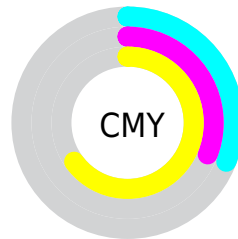


Cyan (0%)

Magenta (0%)

Yellow (50%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1B158 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 B1B158 by changing the saturation by 10% instead.



B1B158



B1B158

FFFFFF



95963F



EAE98C



7A7D25



FFFA7



606408



FFFC3



464C00



FFFD7



2E3500



FFFC7



152000



000400



000000



B1B158



B1B158

 B1B146

 B1B16A

 B1B135

 B1B17B

 B1B123

 B1B18D

 B1B111

 B1B19F

 B1B100

 B1B1B1

 B1B1C2

 B1B1D4

 B1B1E6

 B1B1F7

Harmonies

Analogous

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



D8A359



B1B158



81BB6F

Triad

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



B1B158



00BFE8



F18CC3

Complementary

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



B1B158



5858B1

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.



CC99E8



B1B158



2CB7FE

Square

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



B1B158



00C2C2



8FA9FE



FE8A98

Rectangle

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



B1B158



5AC088



8FA9FE



E890D1

Sweetspot

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



B1B158



E6E6C3



B15858



73735E



F2F2F2



737373

Same Dimension

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



B1B158



E6E65C



84B158



595950



999900



1A1A00

Inverse Universe

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



5858B1



5C5CE6



8458B1



505059



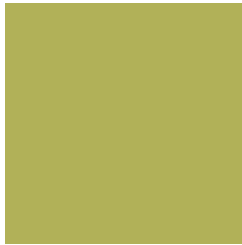
000099



00001A

Previews

White Background



This preview shows how the Hex color B1B158 looks on a white background.

Color Contrast Check

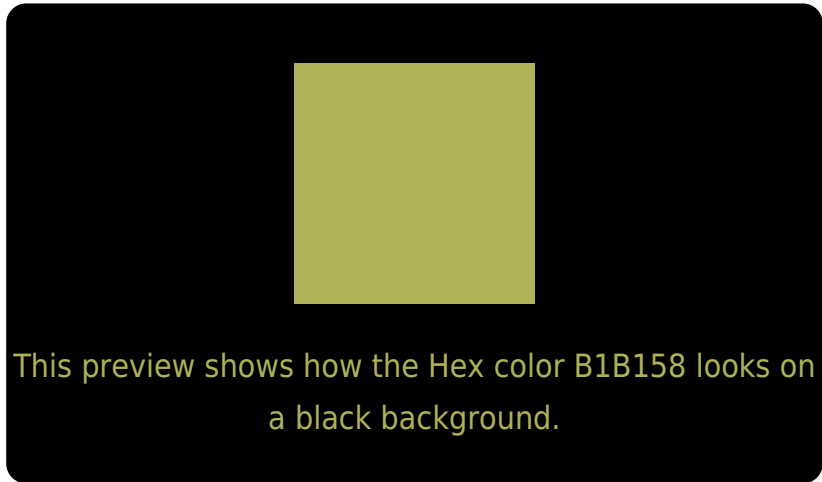
Large Text (above 18pt) WCAG AA × Fail

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 B1B158 Background



This preview shows how black text looks on a background with the Hex color B1B158.

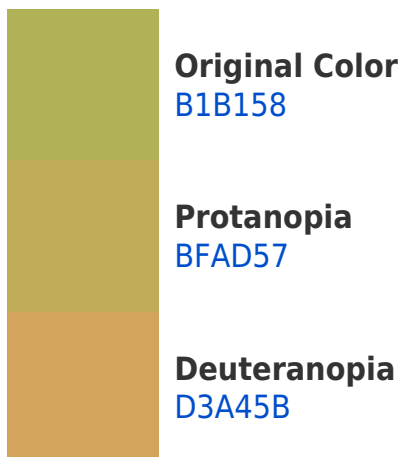


This preview shows how white text looks on a background with the Hex color B1B158.

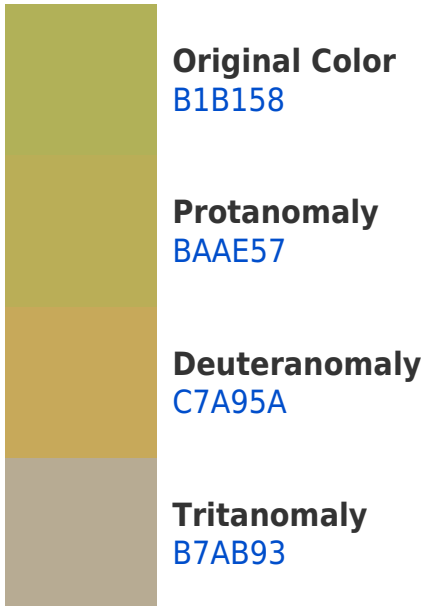
Color Blindness Simulation

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 B1B158 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 #B1B158 looks like.

```
.text, #text, p{  
    color:#B1B158  
}
```

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 #B1B158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1B158
}
```

Border

The CSS property to change the border of an element to Hex B1B158 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
#B1B158 }
```

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

```
.border{ border-color:#B1B158 }
```

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

Here you see how a box with a 4 pixel #B1B158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1B158; -webkit-box-shadow:4px 4px  
4px 4px #B1B158; box-shadow:4px 4px 4px  
4px #B1B158 }
```

Background

The CSS property to change the background color of an element to Hex B1B158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1B158 }
```

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

```
.background{ background-color:#B1B158 }
```

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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