

Converting Colors

Hex(B1B775)

Have a look what the booklet for
Hex(B1B775) contains.

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Color

Hex(B1B775)

Conversions

Conversions Part 1

Format	Color
Hex	B1B775
RGB	177, 183, 117
RGB Percent	69%, 72%, 46%
CMY	0.3059, 0.2824, 0.5412
CMYK	0.03, 0.00, 0.36, 0.28
HSL	65°, 31%, 59%
HSV	65°, 36%, 72%
XYZ	38.2758, 44.4984, 23.4013
YIQ	173.6820, 17.6100, -21.7980

Conversions

Conversions Part 2

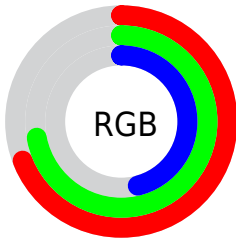
Format	Color
RYB	117, 183, 123
Decimal	11646837
CIELab	72.56, -12.49, 32.89
CIELCh	73, 35.184, 110.801
Yxy	44.4984, 0.3605, 0.4191
Android (android.graphics.Color)	4289836917 (0xFFB1B775)
YUV	173.6820, -27.9442, 2.9099
Hunter-Lab	66.7071, -14.3162, 25.8957

Details

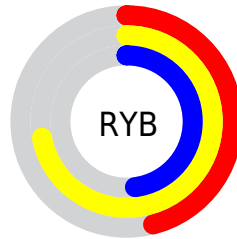
The Hex color **B1B775** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7B75B7**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **E9EFAA**, and **7B8243** is the 20% darker color. If you saturate the color by 10%, you get **AFB763**, and if you desaturate by 10%, it is **B3B787**.

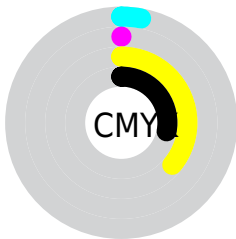
Distribution



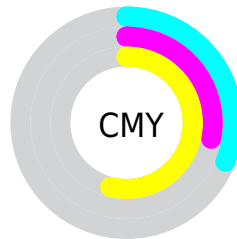
- Red (69%)
- Green (72%)
- Blue (46%)



- Red (46%)
- Yellow (72%)
- Blue (48%)



- Cyan (3%)
- Magenta (0%)
- Yellow (36%)
- Black (28%)



- Cyan (31%)
- Magenta (28%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1B775 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 B1B775 by changing the saturation by 10% instead.



B1B775



B1B775

FFFFFF



969C5C



E9EFAA



7B8243



FFFFC5



62692C



FFFFE2



495114

FFFFFFE



313A00



1A2400



001000



000000



B1B775



B1B775

 AFB763

 B3B787

 AEB750

 B4B79A

 ACB73E

 B6B7AC

 AAB72C

 B8B7BE

 A9B71A

 B9B7D1

 A7B707

 BBB7E3

 A6B700

 BDB7F5

 BEB7FF

 C0B7FF

Harmonies

Analogous

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



D1AD73



B1B775



8CBF88

Triad

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



B1B775



48C0E3



EA9ABD

Complementary

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



B1B775



7B75B7

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.



D1A2DB



B1B775



76B8F1

Square

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



B1B775



43C3C8



A8ADEE



F29A9D

Rectangle

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



B1B775



72C29C



A8ADEE



E49CC8

Sweetspot

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



B1B775



EBEDD3



B77A75



767868



F7F7F7



787878

Same Dimension

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



B1B775



E4ED87



90B775



5B5C53



8D9C00



191C00

Inverse Universe

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



7B75B7



9087ED



9B75B7



53535C



0E009C



03001C

Previews

White Background



This preview shows how the Hex color B1B775 looks on a white background.

Color Contrast Check

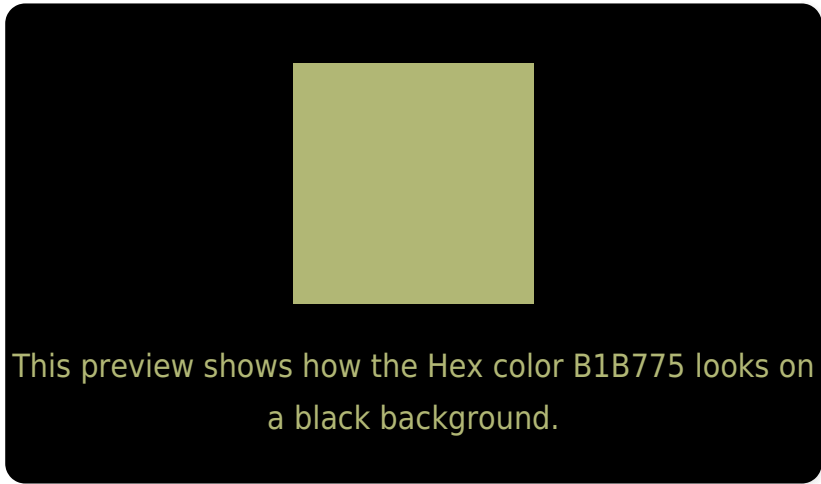
Large Text (above 18pt) WCAG AA × Fail

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

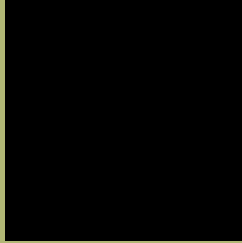
Any Text WCAG AA ✓ Pass

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 B1B775 Background



This preview shows how black text looks on a background with the Hex color B1B775.

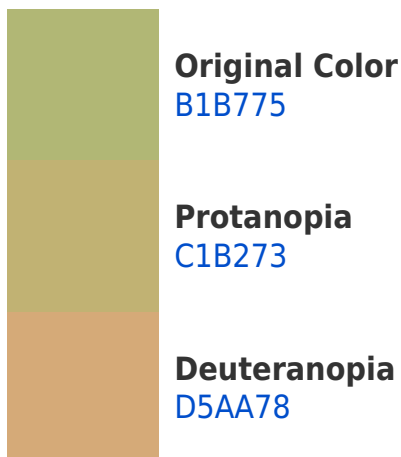


This preview shows how white text looks on a background with the Hex color B1B775.

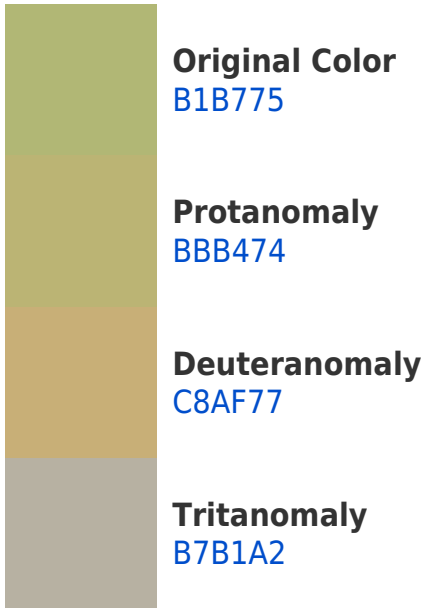
Color Blindness Simulation

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 B1B775 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 #B1B775 looks like.

```
.text, #text, p{  
    color:#B1B775  
}
```

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 #B1B775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1B775
}
```

Border

The CSS property to change the border of an element to Hex B1B775 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
#B1B775 }
```

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

```
.border{ border-color:#B1B775 }
```

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

Here you see how a box with a 4 pixel #B1B775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1B775; -webkit-box-shadow:4px 4px  
4px 4px #B1B775; box-shadow:4px 4px 4px  
4px #B1B775 }
```

Background

The CSS property to change the background color of an element to Hex B1B775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1B775 }
```

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

```
.background{ background-color:#B1B775 }
```

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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