

Converting Colors

Hex(B0B581)

Have a look what the booklet for
Hex(B0B581) contains.

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Color

Hex(B0B581)

Conversions

Conversions Part 1

Format	Color
Hex	B0B581
RGB	176, 181, 129
RGB Percent	69%, 71%, 51%
CMY	0.3098, 0.2902, 0.4941
CMYK	0.03, 0.00, 0.29, 0.29
HSL	66°, 26%, 61%
HSV	66°, 29%, 71%
XYZ	38.3908, 43.8628, 27.2118
YIQ	173.5770, 13.7120, -17.2320

Conversions

Conversions Part 2

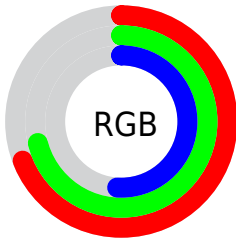
Format	Color
RYB	129, 181, 134
Decimal	11580801
CIELab	72.14, -10.30, 25.98
CIElCh	72, 27.948, 111.623
Yxy	43.8628, 0.3507, 0.4007
Android (android.graphics.Color)	4289770881 (0xFFB0B581)
YUV	173.5770, -21.9765, 2.1250
Hunter-Lab	66.2290, -12.4301, 21.9995

Details

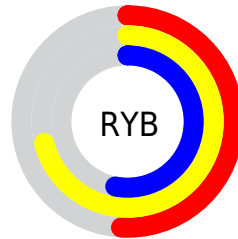
The Hex color **B0B581** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8681B5**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **E8EDB6**, and **7B804F** is the 20% darker color. If you saturate the color by 10%, you get **AEB56F**, and if you desaturate by 10%, it is **B2B593**.

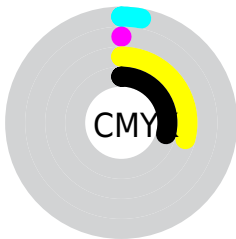
Distribution



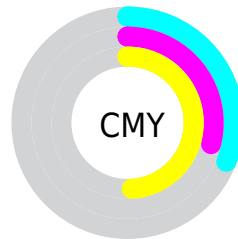
- Red (69%)
- Green (71%)
- Blue (51%)



- Red (51%)
- Yellow (71%)
- Blue (53%)



- Cyan (3%)
- Magenta (0%)
- Yellow (29%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0B581 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 B0B581 by changing the saturation by 10% instead.

 B0B581

 B0B581

FFFFFF

 959A68

 E8EDB6


 7B804F

 FFFFD2

 616738

 FFFFEE

 494F21

 31380B

 1C2300

 000E00

 000000

 B0B581

 B0B581

 AEB56F

 B2B593

 ADB55D

 B3B5A5

 ABB54B

 B5B5B7

 A9B539

 B7B5C9

 A7B527

 B9B5DB

 A6B514

 BAB5EE

 A4B502

 BCB5FF

 A4B500

 BEB5FF

 C0B5FF

Harmonies

Analogous

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



CAAD7F



B0B581



93BB90

Triad

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



B0B581



6ABCD8



DF9FB9

Complementary

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



B0B581



8681B5

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.



CBA4D1



B0B581



87B5E3

Square

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



B0B581



64BFC3



ABADE0



E59F9F

Rectangle

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



B0B581



7FBEA0



ABADE0



DAA0C2

Sweetspot

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



B0B581



E9EBD5



B58581



747568



F5F5F5



757575

Same Dimension

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



B0B581



E3EB9B



97B581



585950



8A9900



171A00

Inverse Universe

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



8681B5



A39BEB



9F81B5



515059



0F0099



02001A

Previews

White Background



This preview shows how the Hex color B0B581 looks on a white background.

Color Contrast Check

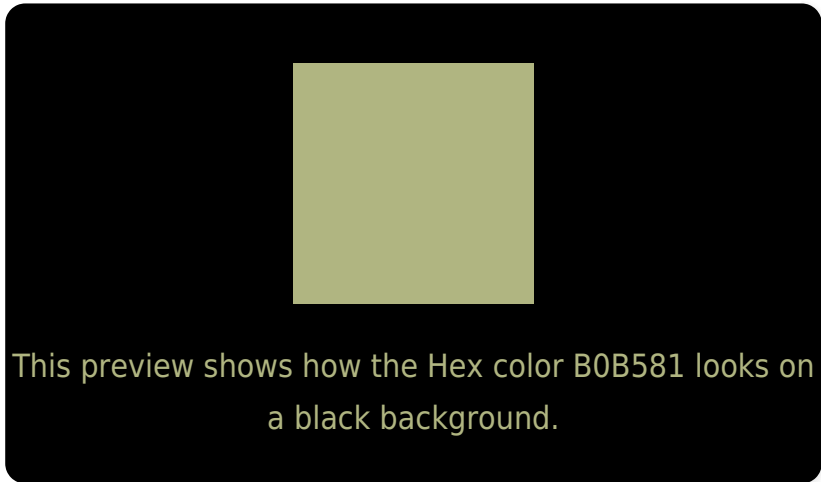
Large Text (above 18pt) WCAG AA × Fail

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

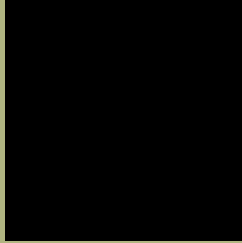
Any Text WCAG AA ✓ Pass

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 B0B581 Background



This preview shows how black text looks on a background with the Hex color B0B581.

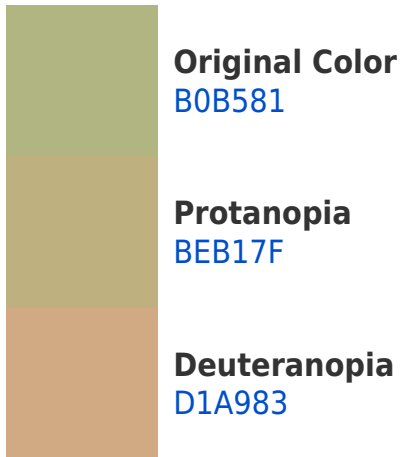


This preview shows how white text looks on a background with the Hex color B0B581.

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](#).

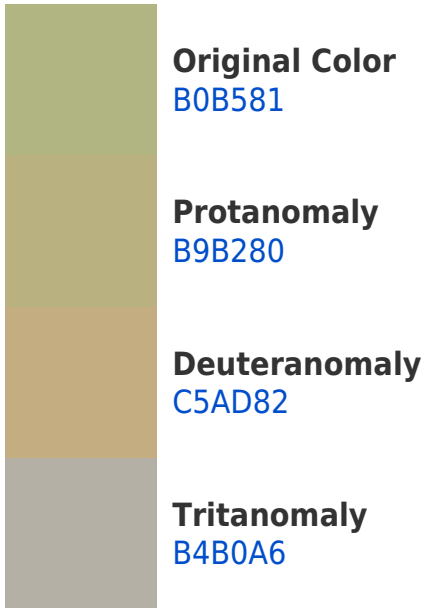
Dichromacy



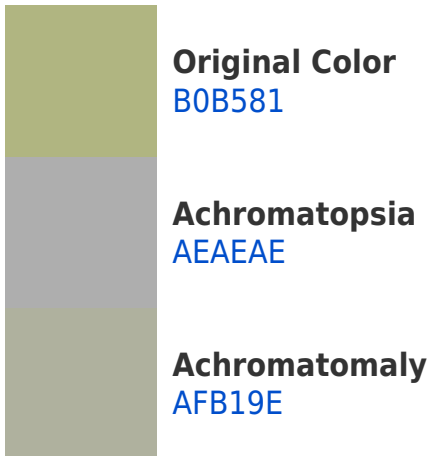


Tritanopia
B7ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0B581 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 #B0B581 looks like.

```
.text, #text, p{  
    color:#B0B581  
}
```

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 #B0B581 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B581
}
```

Border

The CSS property to change the border of an element to Hex B0B581 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
#B0B581 }
```

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

```
.border{ border-color:#B0B581 }
```

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

Here you see how a box with a 4 pixel #B0B581 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B581; -webkit-box-shadow:4px 4px  
4px 4px #B0B581; box-shadow:4px 4px 4px  
4px #B0B581 }
```

Background

The CSS property to change the background color of an element to Hex B0B581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B581 }
```

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

```
.background{ background-color:#B0B581 }
```

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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