

# Converting Colors

Hex(B5B976)

Have a look what the booklet for  
Hex(B5B976) contains.

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**Color**

**Hex(B5B976)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5B976
RGB	181, 185, 118
RGB Percent	71%, 73%, 46%
CMY	0.2902, 0.2745, 0.5373
CMYK	0.02, 0.00, 0.36, 0.27
HSL	64°, 32%, 59%
HSV	64°, 36%, 73%
XYZ	39.6750, 45.8297, 23.8945
YIQ	176.1660, 19.1230, -21.6850

# Conversions

## Conversions Part 2

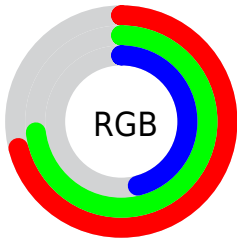
Format	Color
<a href="#">RYB</a>	<a href="#">118, 185, 122</a>
Decimal	<a href="#">11909494</a>
CIELab	<a href="#">73.43, -11.82, 33.56</a>
CIELCh	<a href="#">73, 35.582, 109.399</a>
Yxy	<a href="#">45.8297, 0.3627, 0.4189</a>
Android (android.graphics.Color)	<a href="#">4290099574 (0xFFB5B976)</a>
YUV	<a href="#">176.1660, -28.6758, 4.2394</a>
Hunter-Lab	<a href="#">67.6976, -13.8587, 26.4614</a>

# Details

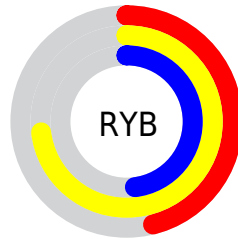
The Hex color **B5B976** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7A76B9**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **EEF1AB**, and **7F8444** is the 20% darker color. If you saturate the color by 10%, you get **B4B964**, and if you desaturate by 10%, it is **B6B989**.

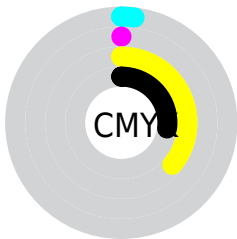
# Distribution



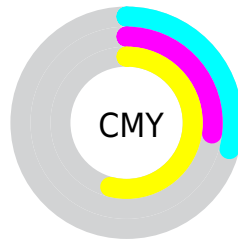
- Red (71%)
- Green (73%)
- Blue (46%)



- Red (46%)
- Yellow (73%)
- Blue (48%)



- Cyan (2%)
- Magenta (0%)
- Yellow (36%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5B976 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 B5B976 by changing the saturation by 10% instead.



 B5B976

 B5B976

FFFFFF

 9A9E5D

 EE1AB

 7F8444

 FFFFC6

 656B2D

 FFFF3

 4C5315

 343C00

 1D2600

 001300

 000000

 B5B976

 B5B976

 B4B964

 B6B989

 B3B951

 B7B99B

 B2B93F

 B8B9AE

 B1B92C

 B9B9C0

 AFB91A

 BBB9D3

 AEB907

 BCB9E5

 AEB900

 BDB9F8

 BEB9FF

 BFB9FF

# Harmonies

## Analogous

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



D5AE74



B5B976



90C189

# Triad

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



B5B976



47C3E5



ED9DC1

# Complementary

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



B5B976



7A76B9

# 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.



D2A5DF



B5B976



75BBF4

# Square

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



B5B976



45C6C9



A8B0F2



F59CA0

# Rectangle

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



B5B976



75C49C



A8B0F2



E69FCC



# Sweetspot

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



B5B976



EEF0D5



B97976



777868



F7F7F7



787878



# Same Dimension

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



B5B976



EAF089



94B976



5B5C53



929C00



1A1C00



# Inverse Universe

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



7A76B9



8F89F0



9B76B9



53535C



09009C



02001C



# Previews

## White Background



This preview shows how the Hex color B5B976 looks on a white background.

## Color Contrast Check

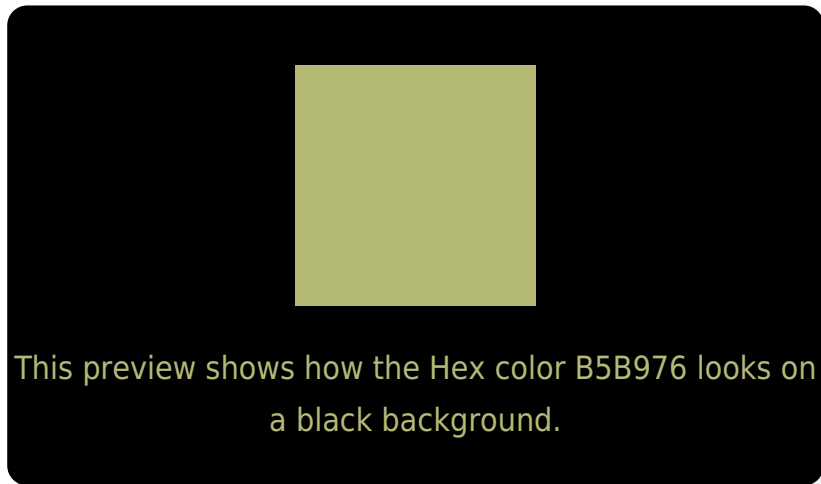
Large Text (above 18pt) WCAG AA × Fail

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 B5B976 Background



This preview shows how black text looks on a background with the Hex color B5B976.

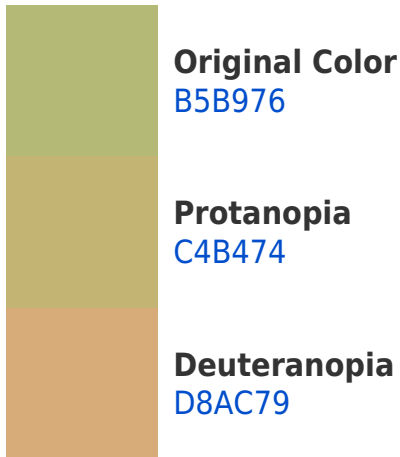


This preview shows how white text looks on a background with the Hex color B5B976.

# 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 B5B976 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 #B5B976 looks like.

```
.text, #text, p{  
    color:#B5B976  
}
```

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 #B5B976 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5B976
}
```

## Border

The CSS property to change the border of an element to Hex B5B976 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
#B5B976 }
```

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

```
.border{ border-color:#B5B976 }
```

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

Here you see how a box with a 4 pixel #B5B976 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5B976; -webkit-box-shadow:4px 4px  
4px 4px #B5B976; box-shadow:4px 4px 4px  
4px #B5B976 }
```

# Background

The CSS property to change the background color of an element to Hex B5B976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5B976 }
```

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

```
.background{ background-color:#B5B976 }
```

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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