

Converting Colors

Hex(B5BD7A)

Have a look what the booklet for
Hex(B5BD7A) contains.

Hex(B5BD7A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B5BD7A)

Conversions

Conversions Part 1

Format	Color
Hex	B5BD7A
RGB	181, 189, 122
RGB Percent	71%, 74%, 48%
CMY	0.2902, 0.2588, 0.5216
CMYK	0.04, 0.00, 0.35, 0.26
HSL	67°, 34%, 61%
HSV	67°, 35%, 74%
XYZ	40.7665, 47.6241, 25.4561
YIQ	178.9700, 16.7390, -22.5330

Conversions

Conversions Part 2

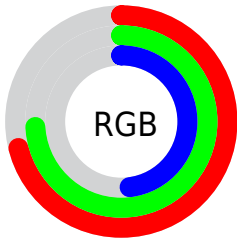
Format	Color
R_{YB}	122, 189, 130
Decimal	11910522
CIE _{Lab}	74.59, -13.39, 32.98
CIE _{LCh}	75, 35.591, 112.099
Yxy	47.6241, 0.3581, 0.4183
Android (android.graphics.Color)	4290100602 (0xFFB5BD7A)
YUV	178.9700, -28.0862, 1.7803
Hunter-Lab	69.0102, -15.3223, 26.4366

Details

The Hex color **B5BD7A** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **827ABD**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **EEF5AF**, and **7F8848** is the 20% darker color. If you saturate the color by 10%, you get **B3BD67**, and if you desaturate by 10%, it is **B7BD8D**.

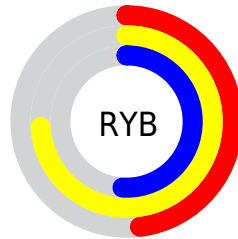
Distribution



Red (71%)

Green (74%)

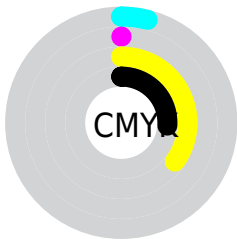
Blue (48%)



Red (48%)

Yellow (74%)

Blue (51%)

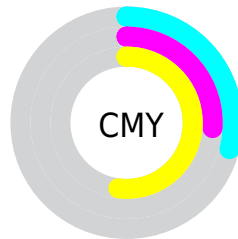


Cyan (4%)

Magenta (0%)

Yellow (35%)

Black (26%)



Cyan (29%)

Magenta (26%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5BD7A 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 B5BD7A by changing the saturation by 10% instead.

 B5BD7A

 B5BD7A

FFFFFF

 9AA261

 EEF5AF

 7F8848

 FFFFCB

 656E30

 FFFFE7

 4C5619

 343F00

 1E2900

 001600

 000000

 B5BD7A

 B5BD7A

 B3BD67

 B7BD8D

 B0BD54

 BABDA0

 AEBD41

 BCBDB3

 ACBD2E

 BEBDC6

 AABD1C

 C0BDD9

 A7BD09

 C3BDEB

 A6BD00

 C5BDFE

 C7BDFE

 C9BDFE

Harmonies

Analogous

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



D6B377



B5BD7A



8FC58E

Triad

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



B5BD7A



4FC5EA



F29FC2

Complementary

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



B5BD7A



827ABD

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.



D9A7E0



B5BD7A



7DBDF8

Square

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



B5BD7A



47C9CF



B0B2F4



F8A0A0

Rectangle

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



B5BD7A



75C8A2



B0B2F4



EBA1CC

Sweetspot

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



B5BD7A



F2F5DA



BD827A



797A6A



FAFAFA



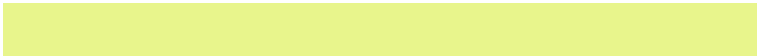
7A7A7A

Same Dimension

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



B5BD7A



E8F58C



94BD7A



5D5E55



8B9E00



1B1F00

Inverse Universe

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



827ABD



988CF5



A37ABD



56555E



13009E



04001F

Previews

White Background



This preview shows how the Hex color B5BD7A 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



This preview shows how the Hex color B5BD7A looks on a 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 B5BD7A Background



This preview shows how black text looks on a background with the Hex color B5BD7A.

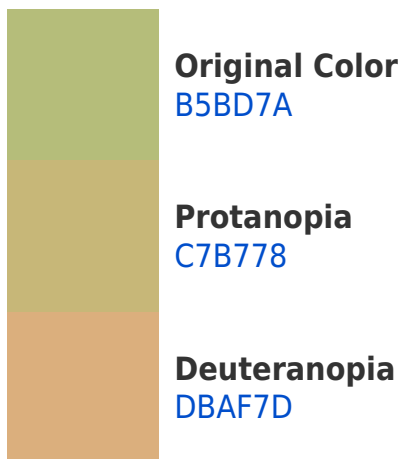


This preview shows how white text looks on a background with the Hex color B5BD7A.

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
BEB4C2

Trichromacy



Original Color
B5BD7A

Protanomaly
C0B979

Deuteranomaly
CDB47C

Tritanomaly
BBB7A8

Monochromacy



Original Color
B5BD7A

Achromatopsia
B3B3B3

Achromatomaly
B4B79E

CSS Examples

Text

The CSS property to change the color of the text to Hex B5BD7A 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 #B5BD7A looks like.

```
.text, #text, p{  
    color:#B5BD7A  
}
```

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 #B5BD7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5BD7A
}
```

Border

The CSS property to change the border of an element to Hex B5BD7A 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
#B5BD7A }
```

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

```
.border{ border-color:#B5BD7A }
```

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

Here you see how a box with a 4 pixel #B5BD7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5BD7A; -webkit-box-shadow:4px 4px  
4px 4px #B5BD7A; box-shadow:4px 4px 4px  
4px #B5BD7A }
```

Background

The CSS property to change the background color of an element to Hex B5BD7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5BD7A }
```

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

```
.background{ background-color:#B5BD7A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor