

# Converting Colors

Hex(B5D0AC)

Have a look what the booklet for  
Hex(B5D0AC) contains.

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# **Color**

**Hex(B5D0AC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B5D0AC
RGB	181, 208, 172
RGB Percent	71%, 82%, 67%
CMY	0.2902, 0.1843, 0.3255
CMYK	0.13, 0.00, 0.17, 0.18
HSL	105°, 28%, 75%
HSV	105°, 17%, 82%
XYZ	49.0583, 57.9141, 47.6226
YIQ	195.8230, -4.5360, -16.9200

# Conversions

## Conversions Part 2

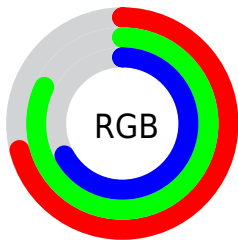
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 208, 199
Decimal	11915436
CIELab	80.69, -15.69, 14.89
CIELCh	81, 21.636, 136.499
Yxy	57.9141, 0.3173, 0.3746
Android (android.graphics.Color)	4290105516 (0xFFB5D0AC)
YUV	195.8230, -11.7447, -12.9998
Hunter-Lab	76.1013, -18.1081, 16.1685

# Details

The Hex color **B5D0AC** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C7ACD0**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **EDFFE3**, and **809A78** is the 20% darker color. If you saturate the color by 10%, you get **A5D097**, and if you desaturate by 10%, it is **C5D0C1**.

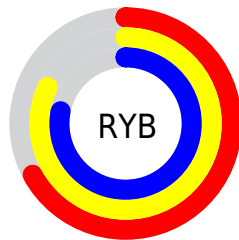
# Distribution



Red (71%)

Green (82%)

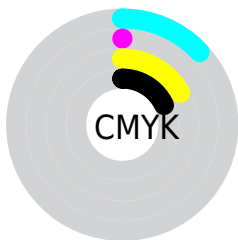
Blue (67%)



Red (67%)

Yellow (82%)

Blue (78%)

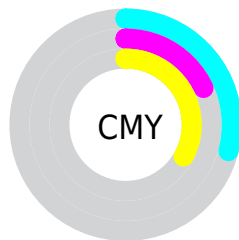


Cyan (13%)

Magenta (0%)

Yellow (17%)

Black (18%)



Cyan (29%)

Magenta (18%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5D0AC 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 B5D0AC by changing the saturation by 10% instead.



 B5D0AC

FFFFFF

 EDFFE3

 B5D0AC

 9AB491

 809A78

 67805F

 4E6647

 374E30

 21371B

 0D2202

 000500

 000000

 B5D0AC

 B5D0AC

 A5D097

 C5D0C1

 96D082

 D4D0D6

 86D06E

 E4D0EA

 77D059

 F3D0FF

 67D044

 FFD0FF

 57D02F

 48D01A

 38D006

 34D000

# Harmonies

## Analogous

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



CCCAA1



B5D0AC



A0D3BE

# Triad

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



B5D0AC



A6CDEF



F3BABE

# Complementary

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



B5D0AC



C7ACD0

# 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.



EBBBD2



B5D0AC



C0C6EF

# Square

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



B5D0AC



94D2E5



D9C0E4



EEBEAC

# Rectangle

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



B5D0AC



96D4CC



D9C0E4



F1BAC4



# Sweetspot

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



B5D0AC



F5FFF2



D0C7AC



7A8078



000000



808080

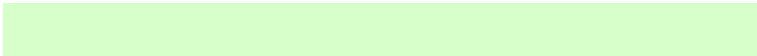


# Same Dimension

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



B5D0AC



D7FFC9



ACD0B5



61695E



2AA800



0A2900



# Inverse Universe

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



C7ACD0



F2C9FF



D0ACC7



665E69



7E00A8

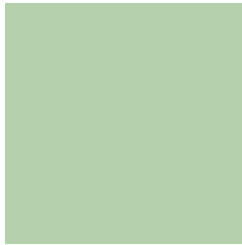


1F0029



# Previews

## White Background



This preview shows how the Hex color B5D0AC 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 B5D0AC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

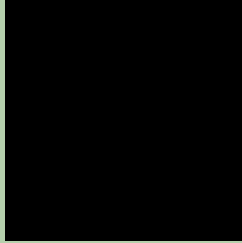
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5D0AC Background



This preview shows how black text looks on a background with the Hex color B5D0AC.

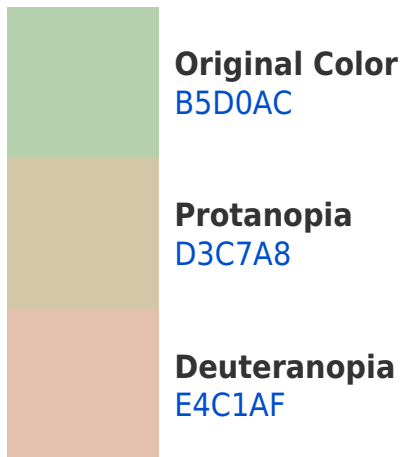


This preview shows how white text looks on a background with the Hex color B5D0AC.

# Color Blindness Simulation

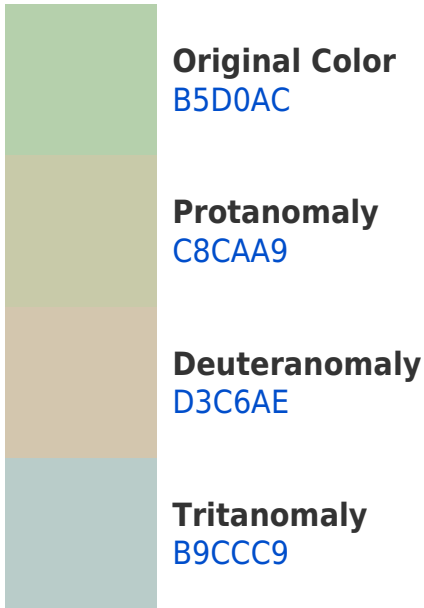
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5D0AC 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 #B5D0AC looks like.

```
.text, #text, p{  
    color:#B5D0AC  
}
```

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 #B5D0AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5D0AC
}
```

## Border

The CSS property to change the border of an element to Hex B5D0AC 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
#B5D0AC }
```

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

```
.border{ border-color:#B5D0AC }
```

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

Here you see how a box with a 4 pixel #B5D0AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5D0AC; -webkit-box-shadow:4px 4px  
4px 4px #B5D0AC; box-shadow:4px 4px 4px  
4px #B5D0AC }
```

# Background

The CSS property to change the background color of an element to Hex B5D0AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5D0AC }
```

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

```
.background{ background-color:#B5D0AC }
```

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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