

Converting Colors

Hex(B5D6A0)

Have a look what the booklet for
Hex(B5D6A0) contains.

Hex(B5D6A0)	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(B5D6A0)

Conversions

Conversions Part 1

Format	Color
Hex	B5D6A0
RGB	181, 214, 160
RGB Percent	71%, 84%, 63%
CMY	0.2902, 0.1608, 0.3725
CMYK	0.15, 0.00, 0.25, 0.16
HSL	97°, 40%, 73%
HSV	97°, 25%, 84%
XYZ	49.4478, 60.4550, 42.3205
YIQ	197.9770, -2.3340, -23.7900

Conversions

Conversions Part 2

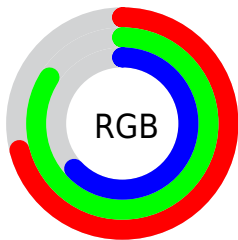
Format	Color
RYB	160, 214, 193
Decimal	11916960
CIELab	82.08, -20.64, 23.15
CIElCh	82, 31.021, 131.719
Yxy	60.4550, 0.3248, 0.3971
Android (android.graphics.Color)	4290107040 (0xFFB5D6A0)
YUV	197.9770, -18.7227, -14.8888
Hunter-Lab	77.7528, -22.5482, 22.1557

Details

The Hex color **B5D6A0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C1A0D6**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **EDFFD7**, and **809F6C** is the 20% darker color. If you saturate the color by 10%, you get **A8D68B**, and if you desaturate by 10%, it is **C2D6B5**.

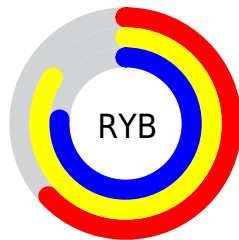
Distribution



Red (71%)

Green (84%)

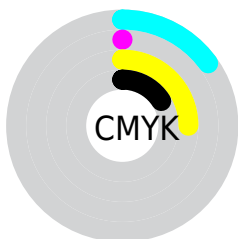
Blue (63%)



Red (63%)

Yellow (84%)

Blue (76%)

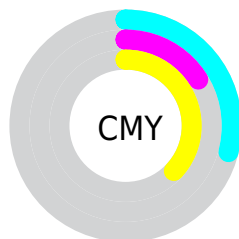


Cyan (15%)

Magenta (0%)

Yellow (25%)

Black (16%)



Cyan (29%)

Magenta (16%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5D6A0 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 B5D6A0 by changing the saturation by 10% instead.

 B5D6A0

 B5D6A0

FFFFFF

 9ABA86

 EDFFD7

 809F6C

 FFFFF3

 668554

 4D6C3C

 355325

 1E3C10

 0A2600

 000E00

 000000

 B5D6A0

 B5D6A0

 A8D68B

 C2D6B5

 9BD675

 CFD6CB

 8ED660

 DCD6E0

 81D64A

 E9D6F6

 74D635

 F6D6FF

 67D620

 FFD6FF

 59D60A

 53D600

Harmonies

Analogous

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



D6CE93



B5D6A0



94DBB9

Triad

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



B5D6A0



8FD4FF



FFB7C2

Complementary

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



B5D6A0



C1A0D6

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.



FBB9DF



B5D6A0



B8CBFF

Square

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



B5D6A0



76DAF2



DFC1F8



FFBBA7

Rectangle

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



B5D6A0



81DCCD



DFC1F8



FFB7CC

Sweetspot

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



B5D6A0



F3FFEB



D6C0A0



788073



000000



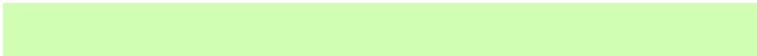
808080

Same Dimension

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



B5D6A0



D0FFB3



A0D6A5



656B60



42AB00



112B00

Inverse Universe

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



C1A0D6



E1B3FF



D6A0D1



67606B



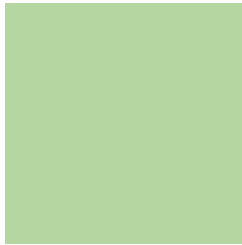
6800AB



1A002B

Previews

White Background



This preview shows how the Hex color B5D6A0 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 B5D6A0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

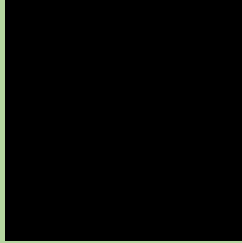
Any Text WCAG AA ✓ Pass

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 B5D6A0 Background



This preview shows how black text looks on a background with the Hex color B5D6A0.

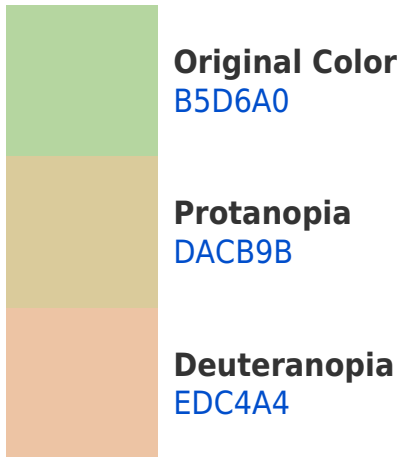


This preview shows how white text looks on a background with the Hex color B5D6A0.

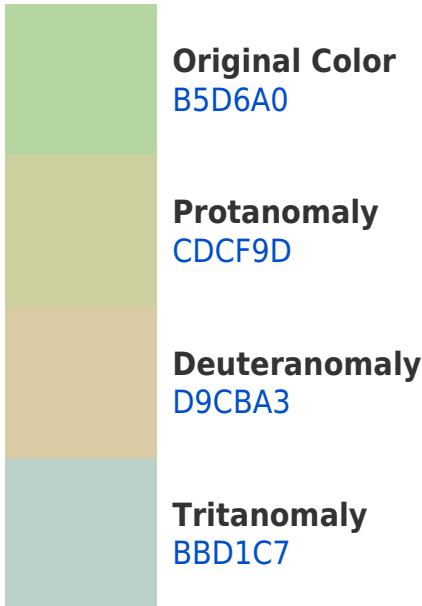
Color Blindness Simulation

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](#).

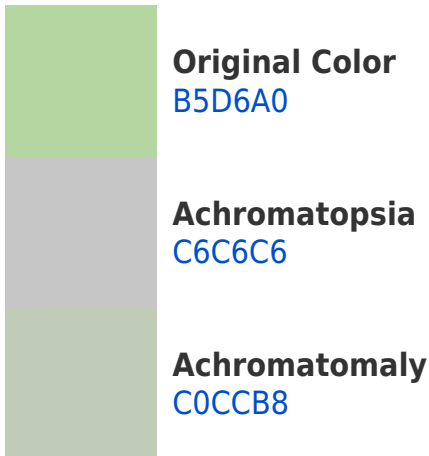
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5D6A0 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 #B5D6A0 looks like.

```
.text, #text, p{  
    color:#B5D6A0  
}
```

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 #B5D6A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5D6A0
}
```

Border

The CSS property to change the border of an element to Hex B5D6A0 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
#B5D6A0 }
```

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

```
.border{ border-color:#B5D6A0 }
```

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

Here you see how a box with a 4 pixel #B5D6A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5D6A0; -webkit-box-shadow:4px 4px  
4px 4px #B5D6A0; box-shadow:4px 4px 4px  
4px #B5D6A0 }
```

Background

The CSS property to change the background color of an element to Hex B5D6A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5D6A0 }
```

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

```
.background{ background-color:#B5D6A0 }
```

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