

# Converting Colors

Hex(B1BEA5)

Have a look what the booklet for  
Hex(B1BEA5) contains.

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# **Color**

**Hex(B1BEA5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1BEA5
RGB	177, 190, 165
RGB Percent	69%, 75%, 65%
CMY	0.3059, 0.2549, 0.3529
CMYK	0.07, 0.00, 0.13, 0.25
HSL	91°, 16%, 70%
HSV	91°, 13%, 75%
XYZ	43.3364, 48.8906, 42.7501
YIQ	183.2630, 0.2770, -10.5310

# Conversions

## Conversions Part 2

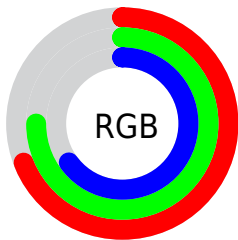
Format	Color
<a href="#">RYB</a>	<a href="#">165, 190, 178</a>
Decimal	<a href="#">11648677</a>
CIELab	<a href="#">75.38, -9.06, 11.11</a>
CIELCh	<a href="#">75, 14.333, 129.197</a>
Yxy	<a href="#">48.8906, 0.3211, 0.3622</a>
Android (android.graphics.Color)	<a href="#">4289838757 (0xFFB1BEA5)</a>
YUV	<a href="#">183.2630, -9.0037, -5.4927</a>
Hunter-Lab	<a href="#">69.9218, -11.7317, 12.6955</a>

# Details

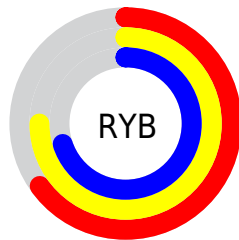
The Hex color **B1BEA5** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B2A5BE**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **E9F6DC**, and **7C8971** is the 20% darker color. If you saturate the color by 10%, you get **A7BE92**, and if you desaturate by 10%, it is **BBEBE8**.

# Distribution



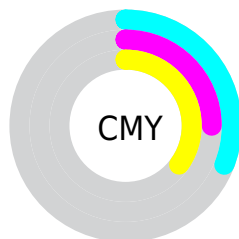
- Red (69%)
- Green (75%)
- Blue (65%)



- Red (65%)
- Yellow (75%)
- Blue (70%)



- Cyan (7%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)



- Cyan (31%)
- Magenta (25%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1BEA5 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 B1BEA5 by changing the saturation by 10% instead.





B1BEA5



B1BEA5

FFFFFF



96A38B



E9F6DC



7C8971



FFFFF9



636F59



4B5741



35402B



1F2A16



071600



000000



B1BEA5



B1BEA5

 A7BE92

 BBEB8

 9DBE7F

 C5BECB

 93BE6C

 CFBEDE

 89BE59

 D9BEF1

 80BE46

 E2BEFF

 76BE33

 ECBEFF

 6CBE20

 F6BEFF

 62BE0D

 FFBEFF

 5BBE00

# Harmonies

## Analogous

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



COBAA0



B1BEA5



A3C1B0

# Triad

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



B1BEA5



A1BED2



D5B1B6

# Complementary

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



B1BEA5



B2A5BE

# 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.



CFB2C3



B1BEA5



B1B9D3

# Square

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



B1BEA5



99C0CA



C1B5CE



D5B2AA

# Rectangle

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



B1BEA5



9CC1B9



C1B5CE



D4B1BA



# Sweetspot

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



B1BEA5



F2F7ED



BEB2A5



7A7D77



FCFCFC



7D7D7D

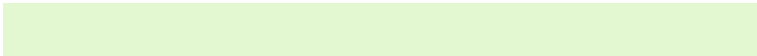


# Same Dimension

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



B1BEA5



E3F7D0



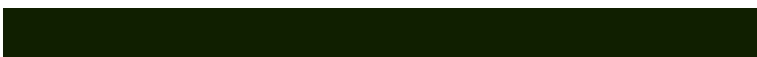
A5BEA5



595E55



4C9E00



0F1F00



# Inverse Universe

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



B2A5BE



E4D0F7



BEA5BE



5A555E



52009E

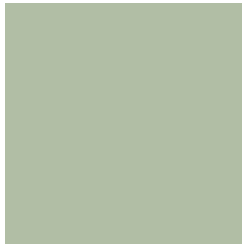


10001F



# Previews

## White Background



This preview shows how the Hex color B1BEA5 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 B1BEA5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

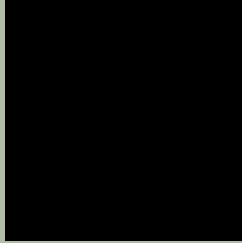
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B1BEA5 Background



This preview shows how black text looks on a background with the Hex color B1BEA5.

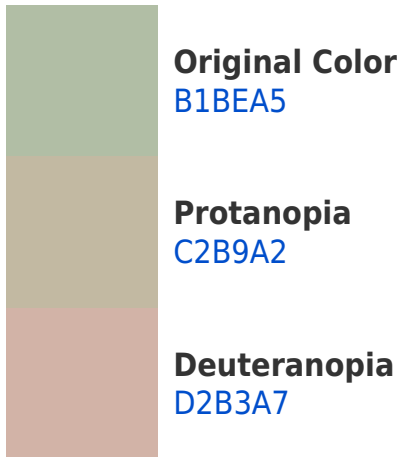


This preview shows how white text looks on a background with the Hex color B1BEA5.

# 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](#).

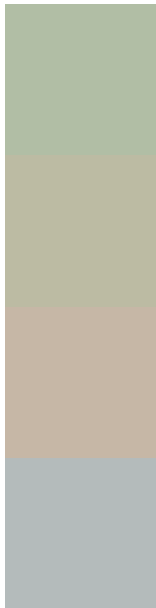
## Dichromacy





**Tritanopia**  
B6B9C8

# Trichromacy



**Original Color**  
B1BEA5

**Protanomaly**  
BCBBA3

**Deuteranomaly**  
C6B7A6

**Tritanomaly**  
B4BBBB

# Monochromacy



**Original Color**  
B1BEA5

**Achromatopsia**  
B7B7B7

**Achromatomaly**  
B5BAB0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1BEA5 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 #B1BEA5 looks like.

```
.text, #text, p{  
    color:#B1BEA5  
}
```

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 #B1BEA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1BEA5  
}
```

## Border

The CSS property to change the border of an element to Hex B1BEA5 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  
#B1BEA5 }
```

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

```
.border{ border-color:#B1BEA5 }
```

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

Here you see how a box with a 4 pixel #B1BEA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1BEA5; -webkit-box-shadow:4px 4px  
4px 4px #B1BEA5; box-shadow:4px 4px 4px  
4px #B1BEA5 }
```

# Background

The CSS property to change the background color of an element to Hex B1BEA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1BEA5 }
```

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

```
.background{ background-color:#B1BEA5 }
```

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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