

# Converting Colors

Hex(B1D49D)

Have a look what the booklet for  
Hex(B1D49D) contains.

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# **Color**

**Hex(B1D49D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1D49D
RGB	177, 212, 157
RGB Percent	69%, 83%, 62%
CMY	0.3059, 0.1686, 0.3843
CMYK	0.17, 0.00, 0.26, 0.17
HSL	98°, 39%, 72%
HSV	98°, 26%, 83%
XYZ	47.7607, 58.8684, 40.7438
YIQ	195.2650, -3.2050, -24.5250

# Conversions

## Conversions Part 2

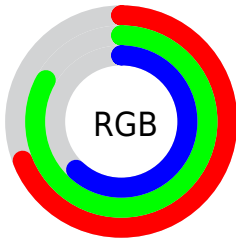
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">157, 212, 192</a>
Decimal	<a href="#">11654301</a>
CIELab	<a href="#">81.22, -21.54, 23.50</a>
CIElCh	<a href="#">81, 31.875, 132.510</a>
Yxy	<a href="#">58.8684, 0.3241, 0.3995</a>
Android (android.graphics.Color)	<a href="#">4289844381 (0xFFB1D49D)</a>
YUV	<a href="#">195.2650, -18.8646, -16.0184</a>
Hunter-Lab	<a href="#">76.7257, -23.1562, 22.2232</a>

# Details

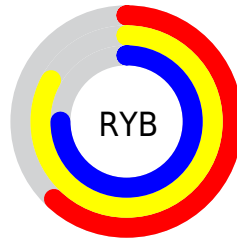
The Hex color **B1D49D** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C09DD4**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **E9FFD4**, and **7C9D69** is the 20% darker color. If you saturate the color by 10%, you get **A4D488**, and if you desaturate by 10%, it is **BED4B2**.

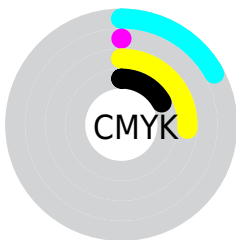
# Distribution



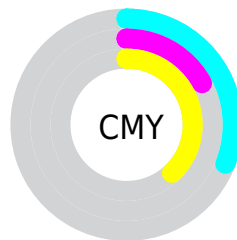
- Red (69%)
- Green (83%)
- Blue (62%)



- Red (62%)
- Yellow (83%)
- Blue (75%)



- Cyan (17%)
- Magenta (0%)
- Yellow (26%)
- Black (17%)



- Cyan (31%)
- Magenta (17%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1D49D 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 B1D49D by changing the saturation by 10% instead.



 B1D49D

 B1D49D

FFFFFF

 96B883

 E9FFD4

 7C9D69

 FFFFF0

 628351

 4A6A39

 325123

 1B3A0D

 042400

 000800

 000000

 B1D49D

 B1D49D

 A4D488

 BED4B2

 96D473

 CCD4C7

 89D45D

 D9D4DD

 7BD448

 E7D4F2

 6ED433

 F4D4FF

 60D41E

 FFD4FF

 53D409

 4DD400

# Harmonies

## Analogous

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



D2CC8F



B1D49D



8FD9B7

# Triad

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



B1D49D



8BD2FF



FFB4BE

# Complementary

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



B1D49D



C09DD4

# 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.



FAB6DC



B1D49D



B6C8FF

# Square

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



B1D49D



70D8F1



DEBEF6



FFB9A3

# Rectangle

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



B1D49D



7BDACB



DEBEF6



FFB4C8



# Sweetspot

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



B1D49D



F2FFEB



D4C09D



778073



000000



808080

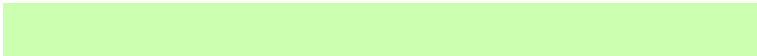


# Same Dimension

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



B1D49D



CDFFB0



9DD4A4



646B60



3EAB00



102B00



# Inverse Universe

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



C09DD4



E2B0FF



D49DCD



67606B



6D00AB



1C002B



# Previews

## White Background



This preview shows how the Hex color B1D49D looks on a white background.

## Color Contrast Check

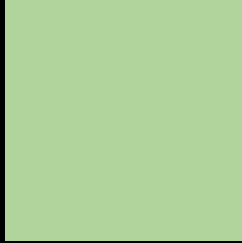
Large Text (above 18pt) WCAG AA × Fail

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 B1D49D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

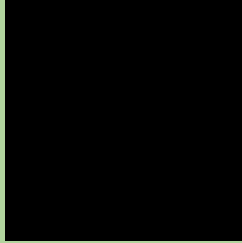
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B1D49D Background



This preview shows how black text looks on a background with the Hex color B1D49D.

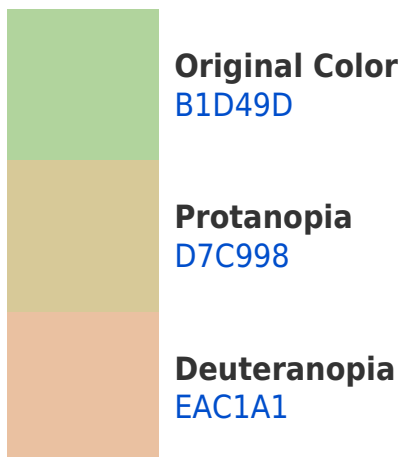


This preview shows how white text looks on a background with the Hex color B1D49D.

# Color Blindness Simulation

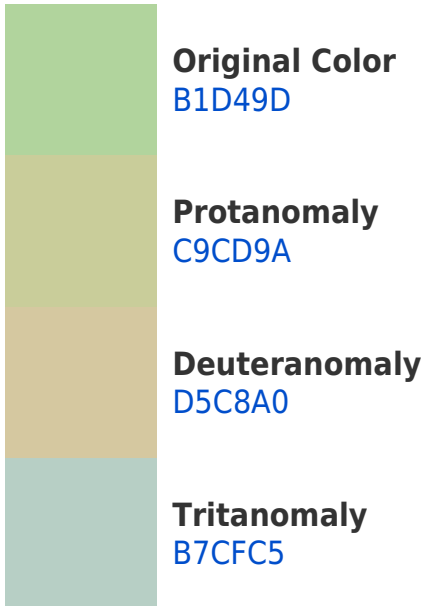
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

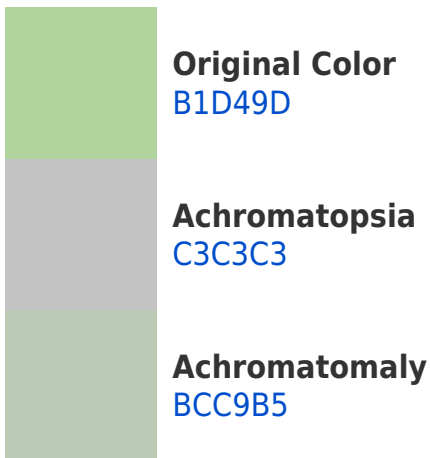




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1D49D 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 #B1D49D looks like.

```
.text, #text, p{  
    color:#B1D49D  
}
```

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 #B1D49D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D49D
}
```

## Border

The CSS property to change the border of an element to Hex B1D49D 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
#B1D49D }
```

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

```
.border{ border-color:#B1D49D }
```

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

Here you see how a box with a 4 pixel #B1D49D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D49D; -webkit-box-shadow:4px 4px  
4px 4px #B1D49D; box-shadow:4px 4px 4px  
4px #B1D49D }
```

# Background

The CSS property to change the background color of an element to Hex B1D49D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D49D }
```

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

```
.background{ background-color:#B1D49D }
```

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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