

# Converting Colors

Hex(B1D59D)

Have a look what the booklet for  
Hex(B1D59D) contains.

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# **Color**

**Hex(B1D59D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1D59D
RGB	177, 213, 157
RGB Percent	69%, 84%, 62%
CMY	0.3059, 0.1647, 0.3843
CMYK	0.17, 0.00, 0.26, 0.16
HSL	99°, 40%, 73%
HSV	99°, 26%, 84%
XYZ	48.0115, 59.3699, 40.8274
YIQ	195.8520, -3.4800, -25.0480

# Conversions

## Conversions Part 2

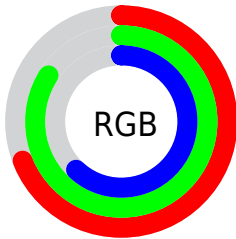
Format	Color
<a href="#">RYB</a>	<a href="#">157, 213, 193</a>
Decimal	<a href="#">11654557</a>
CIELab	<a href="#">81.49, -22.03, 23.87</a>
CIELCh	<a href="#">81, 32.485, 132.701</a>
Yxy	<a href="#">59.3699, 0.3239, 0.4006</a>
Android (android.graphics.Color)	<a href="#">4289844637 (0xFFB1D59D)</a>
YUV	<a href="#">195.8520, -19.1540, -16.5332</a>
Hunter-Lab	<a href="#">77.0519, -23.6163, 22.5204</a>

# Details

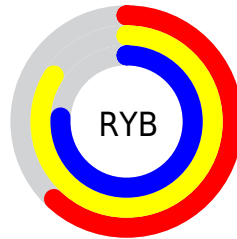
The Hex color **B1D59D** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C19DD5**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **E9FFD4**, and **7C9E69** is the 20% darker color. If you saturate the color by 10%, you get **A3D588**, and if you desaturate by 10%, it is **BFD5B2**.

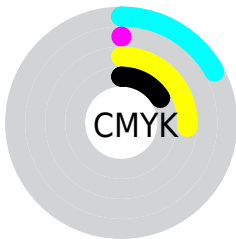
# Distribution



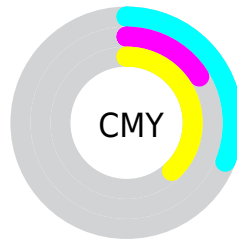
- Red (69%)
- Green (84%)
- Blue (62%)



- Red (62%)
- Yellow (84%)
- Blue (76%)



- Cyan (17%)
- Magenta (0%)
- Yellow (26%)
- Black (16%)



- Cyan (31%)
- Magenta (16%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1D59D 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 B1D59D by changing the saturation by 10% instead.



 B1D59D

FFFFFF

 E9FFD4

 FFFFF0

 B1D59D

 96B983


 7C9E69

 628451

 4A6B39

 325223

 1A3B0D

 042500

 000A00

 000000

 B1D59D

 B1D59D

 A3D588

 BFD5B2

 96D572

 CCD5C8

 88D55D

 DAD5DD

 7AD548

 E8D5F2

 6DD533

 F5D5FF

 5FD51D

 FFD5FF

 51D508

 4CD500

# Harmonies

## Analogous

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



D3CD8F



B1D59D



8EDAB7

# Triad

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



B1D59D



8BD3FF



FFB4BE

# Complementary

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



B1D59D



C19DD5

# 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.



FCB6DD



B1D59D



B6C9FF

# Square

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



B1D59D



6ED9F3



DFBEF7



FFB9A3

# Rectangle

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



B1D59D



7ADBCC



DFBEF7



FFB4C9



# Sweetspot

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



B1D59D



F2FFEB



D5C09D



778073



000000



808080

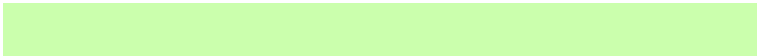


# Same Dimension

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



B1D59D



CBFFAD



9DD5A4



646B60



3DAB00



0F2B00



# Inverse Universe

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



C19DD5



E2ADFF



D59DCE



67606B



6E00AB

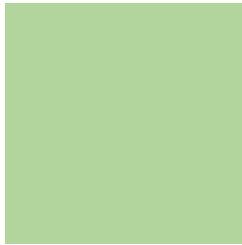


1C002B



# Previews

## White Background



This preview shows how the Hex color B1D59D 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 B1D59D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

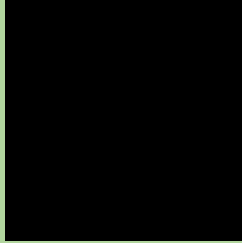
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B1D59D Background



This preview shows how black text looks on a background with the Hex color B1D59D.

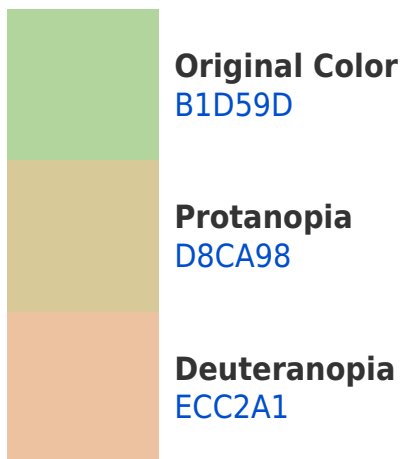


This preview shows how white text looks on a background with the Hex color B1D59D.

# Color Blindness Simulation

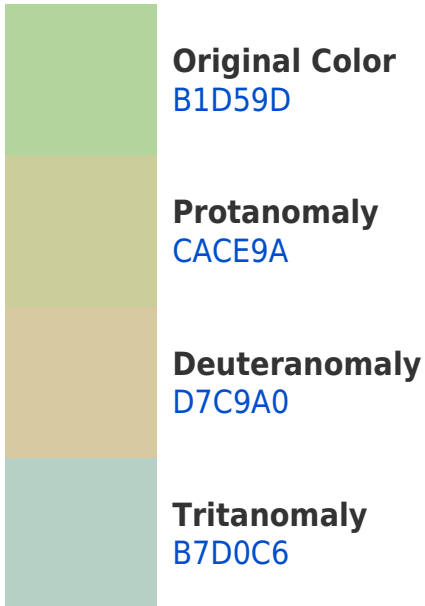
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

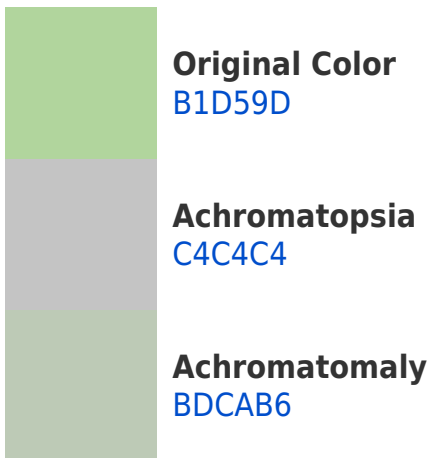




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1D59D 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 #B1D59D looks like.

```
.text, #text, p{  
    color:#B1D59D  
}
```

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 #B1D59D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D59D
}
```

## Border

The CSS property to change the border of an element to Hex B1D59D 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
#B1D59D }
```

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

```
.border{ border-color:#B1D59D }
```

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

Here you see how a box with a 4 pixel #B1D59D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D59D; -webkit-box-shadow:4px 4px  
4px 4px #B1D59D; box-shadow:4px 4px 4px  
4px #B1D59D }
```

# Background

The CSS property to change the background color of an element to Hex B1D59D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D59D }
```

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

```
.background{ background-color:#B1D59D }
```

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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