

# Converting Colors

Hex(B7D59D)

Have a look what the booklet for  
Hex(B7D59D) contains.

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**Color**

**Hex(B7D59D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7D59D
RGB	183, 213, 157
RGB Percent	72%, 84%, 62%
CMY	0.2824, 0.1647, 0.3843
CMYK	0.14, 0.00, 0.26, 0.16
HSL	92°, 40%, 73%
HSV	92°, 26%, 84%
XYZ	49.4085, 60.0901, 40.8927
YIQ	197.6460, 0.0960, -23.7760

# Conversions

## Conversions Part 2

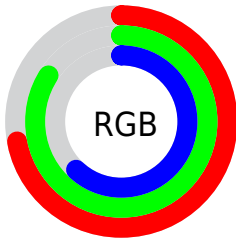
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">157, 213, 187</a>
Decimal	<a href="#">12047773</a>
CIELab	<a href="#">81.89, -19.90, 24.47</a>
CIElCh	<a href="#">82, 31.542, 129.113</a>
Yxy	<a href="#">60.0901, 0.3285, 0.3996</a>
Android (android.graphics.Color)	<a href="#">4290237853 (0xFFB7D59D)</a>
YUV	<a href="#">197.6460, -20.0385, -12.8445</a>
Hunter-Lab	<a href="#">77.5178, -21.8834, 22.9854</a>

# Details

The Hex color **B7D59D** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BB9DD5**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **EFFFD4**, and **819E69** is the 20% darker color. If you saturate the color by 10%, you get **ACD588**, and if you desaturate by 10%, it is **C2D5B2**.

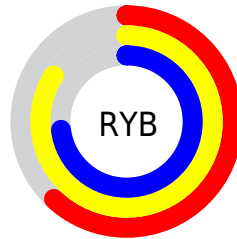
# Distribution



Red (72%)

Green (84%)

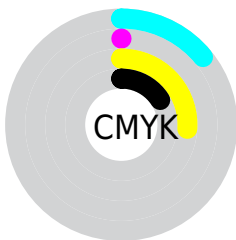
Blue (62%)



Red (62%)

Yellow (84%)

Blue (73%)

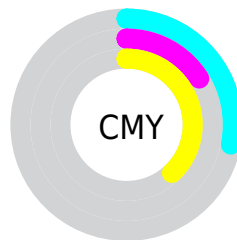


Cyan (14%)

Magenta (0%)

Yellow (26%)

Black (16%)



Cyan (28%)

Magenta (16%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7D59D 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 B7D59D by changing the saturation by 10% instead.



 B7D59D

FFFFFF

 EFFFFD4

 FFFFF0

 B7D59D

 9CB983

 819E69

 688451

 4F6B39

 375223

 203B0D

 0B2500

 000D00

 000000

 B7D59D

 B7D59D

 ACD588

 C2D5B2

 A0D572

 CED5C8

 95D55D

 D9D5DD

 89D548

 E5D5F2

 7ED533

 F0D5FF

 73D51D

 FBD5FF

 67D508

 FFD5FF

 63D500

# Harmonies

## Analogous

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



D8CD91



B7D59D



95DAB6

# Triad

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



B7D59D



8AD4FF



FFB6C3

# Complementary

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



B7D59D



BB9DD5

# 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.



F9B9E1



B7D59D



B3CBFF

# Square

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



B7D59D



72DAF0



DBC1FA



FFBAA8

# Rectangle

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



B7D59D



81DCCA



DBC1FA



FFB6CE



# Sweetspot

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



B7D59D



F4FFEB



D5BB9D



798073



000000



808080

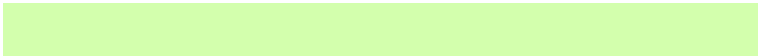


# Same Dimension

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



B7D59D



D3FFAD



9DD59F



656B60



4FAB00



142B00



# Inverse Universe

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



BB9DD5



D9ADFF



D59DD3



66606B



5C00AB

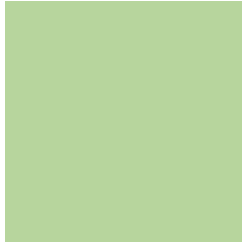


17002B



# Previews

## White Background



This preview shows how the Hex color B7D59D 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 B7D59D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

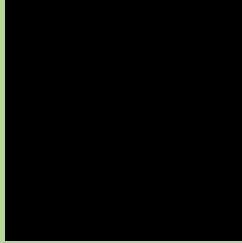
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B7D59D Background



This preview shows how black text looks on a background with the Hex color B7D59D.

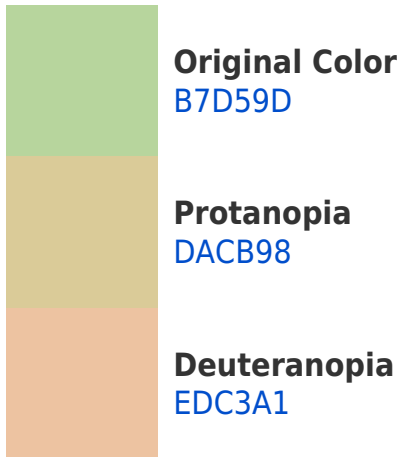


This preview shows how white text looks on a background with the Hex color B7D59D.

# Color Blindness Simulation

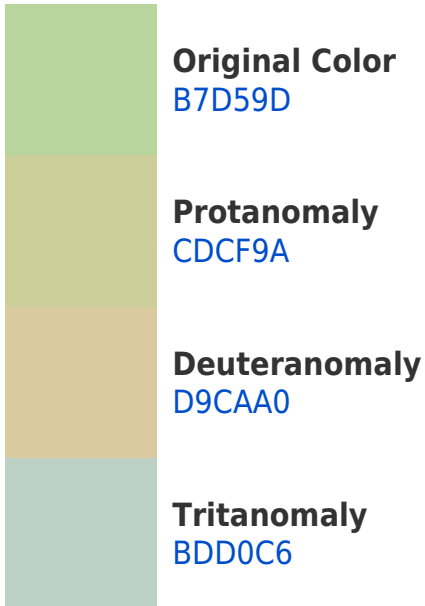
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

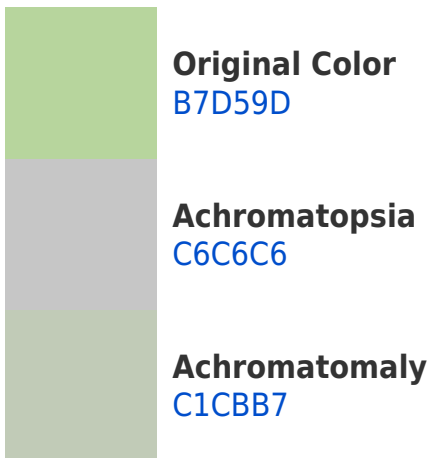




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7D59D 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 #B7D59D looks like.

```
.text, #text, p{  
    color:#B7D59D  
}
```

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 #B7D59D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7D59D
}
```

## Border

The CSS property to change the border of an element to Hex B7D59D 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
#B7D59D }
```

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

```
.border{ border-color:#B7D59D }
```

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

Here you see how a box with a 4 pixel #B7D59D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7D59D; -webkit-box-shadow:4px 4px  
4px 4px #B7D59D; box-shadow:4px 4px 4px  
4px #B7D59D }
```

# Background

The CSS property to change the background color of an element to Hex B7D59D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7D59D }
```

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

```
.background{ background-color:#B7D59D }
```

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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