

# Converting Colors

Hex(B3D79C)

Have a look what the booklet for  
Hex(B3D79C) contains.

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# **Color**

**Hex(B3D79C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3D79C
RGB	179, 215, 156
RGB Percent	70%, 84%, 61%
CMY	0.2980, 0.1569, 0.3882
CMYK	0.17, 0.00, 0.27, 0.16
HSL	97°, 42%, 73%
HSV	97°, 27%, 84%
XYZ	48.8916, 60.5849, 40.5697
YIQ	197.5100, -2.5170, -25.9810

# Conversions

## Conversions Part 2

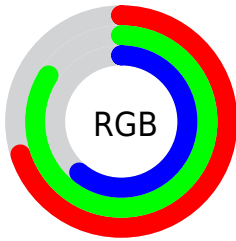
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 215, 192
Decimal	11786140
CIELab	82.16, -22.46, 25.32
CIElCh	82, 33.843, 131.578
Yxy	60.5849, 0.3258, 0.4038
Android (android.graphics.Color)	4289976220 (0xFFB3D79C)
YUV	197.5100, -20.4644, -16.2333
Hunter-Lab	77.8363, -24.0917, 23.5824

# Details

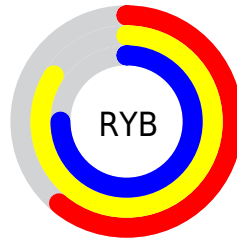
The Hex color **B3D79C** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C09CD7**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **EBFFD3**, and **7DA068** is the 20% darker color. If you saturate the color by 10%, you get **A6D787**, and if you desaturate by 10%, it is **C0D7B2**.

# Distribution



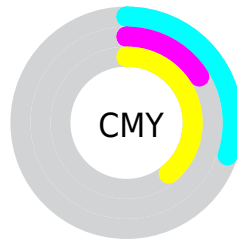
- Red (70%)
- Green (84%)
- Blue (61%)



- Red (61%)
- Yellow (84%)
- Blue (75%)



- Cyan (17%)
- Magenta (0%)
- Yellow (27%)
- Black (16%)



- Cyan (30%)
- Magenta (16%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3D79C 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 B3D79C by changing the saturation by 10% instead.



 B3D79C

 B3D79C

FFFFFF

 98BB82

 EBFFD3

 7DA068

 FFFFEF

 648650

 4B6C38

 335422

 1C3D0B

 062600

 000E00

 000000

 B3D79C

 B3D79C

 A6D787

 C0D7B2

 99D771

 CDD7C7

 8CD75C

 DAD7DD

 7FD746

 E7D7F2

 71D731

 F5D7FF

 64D71B

 FFD7FF

 57D705

 54D700

# Harmonies

## Analogous

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



D6CE8E



B3D79C



8EDCB7

# Triad

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



B3D79C



87D5FF



FFB5C1

# Complementary

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



B3D79C



C09CD7

# 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.



FFB7E1



B3D79C



B5CBFF

# Square

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



B3D79C



69DCF5



E0C0FC



FFBAA4

# Rectangle

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



B3D79C



78DECD



E0C0FC



FFB5CC



# Sweetspot

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



B3D79C



F3FFEB



D7BF9C



788073



000000



808080

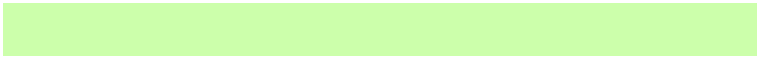


# Same Dimension

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



B3D79C



CCFFAB



9CD7A2



656B60



43AB00



112B00



# Inverse Universe

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



C09CD7



DEABFF



D79CD1



67606B



6800AB

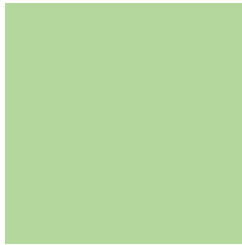


1A002B



# Previews

## White Background



This preview shows how the Hex color B3D79C 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 B3D79C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

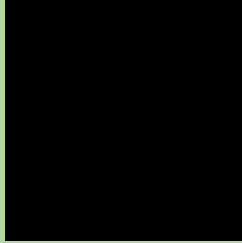
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3D79C Background



This preview shows how black text looks on a background with the Hex color B3D79C.

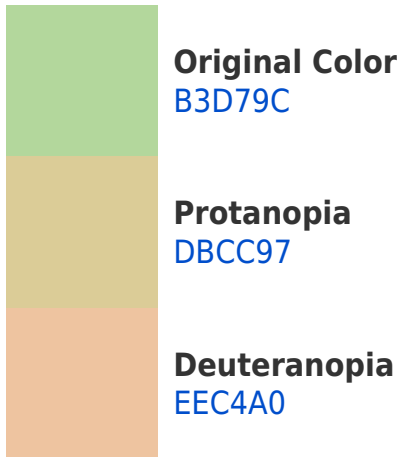


This preview shows how white text looks on a background with the Hex color B3D79C.

# Color Blindness Simulation

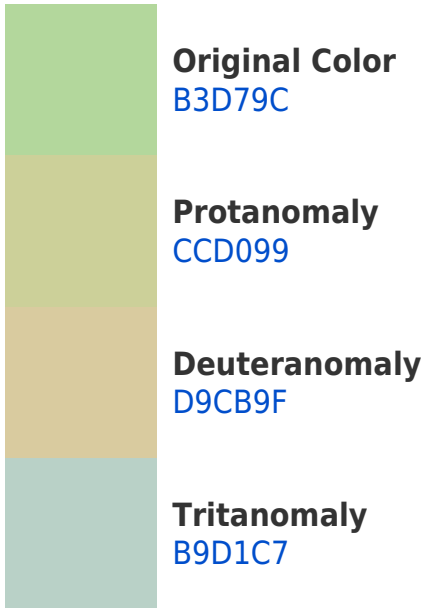
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3D79C 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 #B3D79C looks like.

```
.text, #text, p{  
    color:#B3D79C  
}
```

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 #B3D79C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3D79C
}
```

## Border

The CSS property to change the border of an element to Hex B3D79C 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
#B3D79C }
```

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

```
.border{ border-color:#B3D79C }
```

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

Here you see how a box with a 4 pixel #B3D79C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3D79C; -webkit-box-shadow:4px 4px  
4px 4px #B3D79C; box-shadow:4px 4px 4px  
4px #B3D79C }
```

# Background

The CSS property to change the background color of an element to Hex B3D79C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3D79C }
```

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

```
.background{ background-color:#B3D79C }
```

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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