

# Converting Colors

Hex(79B196)

Have a look what the booklet for  
Hex(79B196) contains.

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# **Color**

**Hex(79B196)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79B196
RGB	121, 177, 150
RGB Percent	47%, 69%, 59%
CMY	0.5255, 0.3059, 0.4118
CMYK	0.32, 0.00, 0.15, 0.31
HSL	151°, 26%, 58%
HSV	151°, 32%, 69%
XYZ	29.1123, 37.7112, 34.5988
YIQ	157.1780, -24.7090, -20.2690

# Conversions

## Conversions Part 2

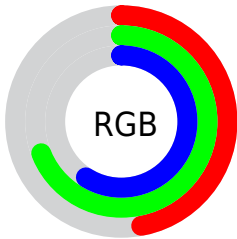
Format	Color
<a href="#">RYB</a>	<a href="#">121, 158, 177</a>
Decimal	<a href="#">7975318</a>
CIELab	<a href="#">67.81, -24.20, 8.02</a>
CIElCh	<a href="#">68, 25.491, 161.669</a>
Yxy	<a href="#">37.7112, 0.2870, 0.3718</a>
Android (android.graphics.Color)	<a href="#">4286165398</a> (0xFF79B196)
YUV	<a href="#">157.1780, -3.5388, -31.7281</a>
Hunter-Lab	<a href="#">61.4095, -22.8453, 9.5820</a>

# Details

The Hex color **79B196** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B17994**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **AFE9CC**, and **467C63** is the 20% darker color. If you saturate the color by 10%, you get **67B18D**, and if you desaturate by 10%, it is **8BB19F**.

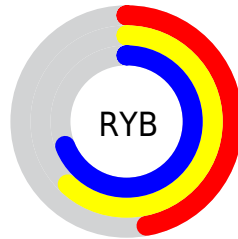
# Distribution



Red (47%)

Green (69%)

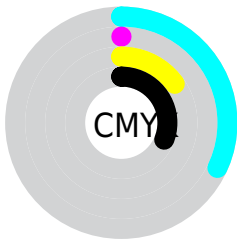
Blue (59%)



Red (47%)

Yellow (62%)

Blue (69%)

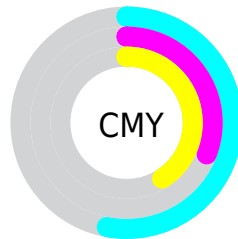


Cyan (32%)

Magenta (0%)

Yellow (15%)

Black (31%)



Cyan (53%)

Magenta (31%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79B196 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 79B196 by changing the saturation by 10% instead.



 79B196

 79B196

FFFFFF

 5F967C

 AFE9CC

 467C63

 CBFFE8

 2D634B

 E7FFFF

 124B35

 00341F

 002008

 000000

 79B196

 79B196

 67B18D

 8BB19F

 56B185

 9CB1A7

 44B17C

 AEB1B0

 32B174

 C0B1B8

 20B16B

 D2B1C1

 0FB163

 E3B1C9

 00B15C

 F5B1D2

 FFB1DA

 FFB1E3

# Harmonies

## Analogous

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



93AD82



79B196



65B2AE

# Triad

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



79B196



95A4D2



D19888

# Complementary

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



79B196



B17994

# 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.



D4949D



79B196



B49CC8

# Square

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



79B196



76ABD0



CA96B4



C39F7A

# Rectangle

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



79B196



60B1BC



CA96B4



D3968E



# Sweetspot

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



79B196



D1E6DC



94B179



66736D



F2F2F2



737373



# Same Dimension

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



79B196



8EE6BB



79B0B1



505955



00994F



001A0D



# Inverse Universe

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



B17994



E68EB8



B17A79



595055



99004A



1A000C



# Previews

## White Background



This preview shows how the Hex color 79B196 looks on a white background.

## Color Contrast Check

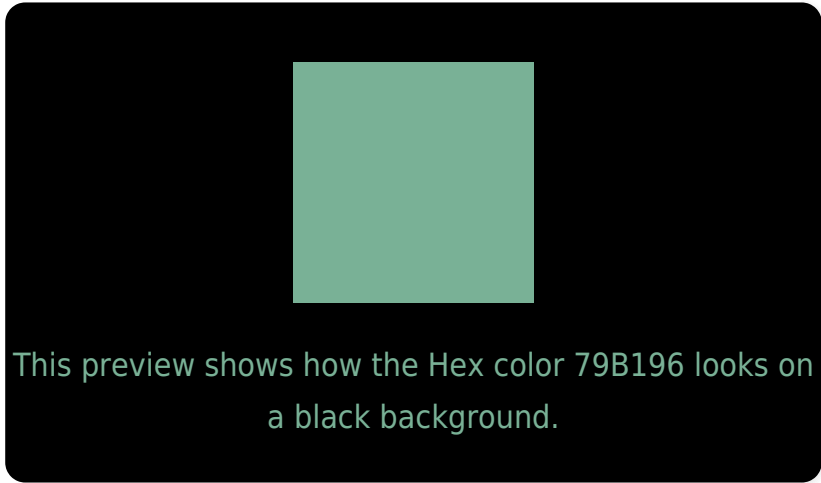
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

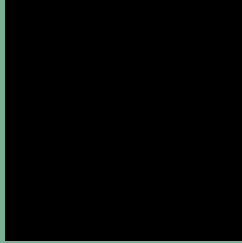
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

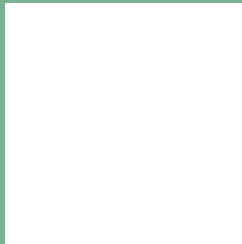
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 79B196 Background



This preview shows how black text looks on a background with the Hex color 79B196.



This preview shows how white text looks on a background with the Hex color 79B196.

# Color Blindness Simulation

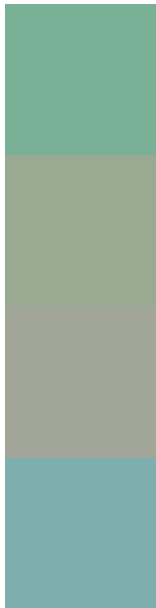
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
79B196

**Protanomaly**  
99A992

**Deuteranomaly**  
A1A699

**Tritanomaly**  
7EAEAD

# Monochromacy



**Original Color**  
79B196

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
90A49A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79B196 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 #79B196 looks like.

```
.text, #text, p{  
    color:#79B196  
}
```

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 #79B196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79B196
}
```

## Border

The CSS property to change the border of an element to Hex 79B196 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
#79B196 }
```

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

```
.border{ border-color:#79B196 }
```

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

Here you see how a box with a 4 pixel #79B196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79B196; -webkit-box-shadow:4px 4px  
4px 4px #79B196; box-shadow:4px 4px 4px  
4px #79B196 }
```

# Background

The CSS property to change the background color of an element to Hex 79B196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79B196 }
```

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

```
.background{ background-color:#79B196 }
```

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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