

# Converting Colors

Hex(79B798)

Have a look what the booklet for  
Hex(79B798) contains.

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# **Color**

**Hex(79B798)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79B798
RGB	121, 183, 152
RGB Percent	47%, 72%, 60%
CMY	0.5255, 0.2824, 0.4039
CMYK	0.34, 0.00, 0.17, 0.28
HSL	150°, 30%, 60%
HSV	150°, 34%, 72%
XYZ	30.4861, 40.1989, 35.8581
YIQ	160.9280, -27.0010, -22.7850

# Conversions

## Conversions Part 2

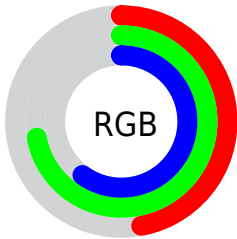
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">121, 162, 183</a>
Decimal	<a href="#">7976856</a>
CIELab	<a href="#">69.61, -26.75, 9.49</a>
CIElCh	<a href="#">70, 28.385, 160.467</a>
Yxy	<a href="#">40.1989, 0.2861, 0.3773</a>
Android (android.graphics.Color)	<a href="#">4286166936 (0xFF79B798)</a>
YUV	<a href="#">160.9280, -4.4015, -35.0169</a>
Hunter-Lab	<a href="#">63.4026, -25.1257, 10.8496</a>

# Details

The Hex color **79B798** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B77998**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **AFEFCE**, and **458265** is the 20% darker color. If you saturate the color by 10%, you get **67B78F**, and if you desaturate by 10%, it is **8BB7A1**.

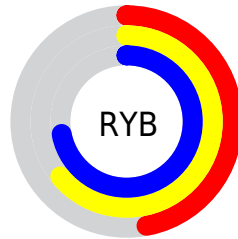
# Distribution



Red (47%)

Green (72%)

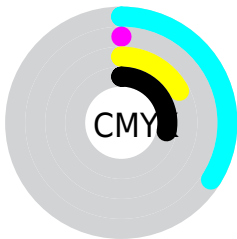
Blue (60%)



Red (47%)

Yellow (64%)

Blue (72%)

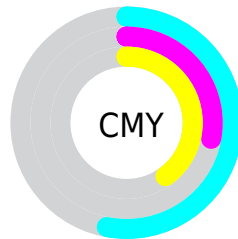


Cyan (34%)

Magenta (0%)

Yellow (17%)

Black (28%)



Cyan (53%)

Magenta (28%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79B798 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 79B798 by changing the saturation by 10% instead.



 79B798

 79B798

FFFFFF

 5F9C7E

 AFEFCE

 458265

 CBFEEA

 2C684D

 E8FFFF

 0F5036

 003821

 00230B

 000000

 79B798

 79B798

 67B78F

 8BB7A1

 54B786

 9EB7AA

 42B77D

 B0B7B3

 30B773

 C2B7BD

 1DB76A

 D4B7C6

 0BB761

 E7B7CF

 00B75C

 F9B7D8

 FFB7E1

 FFB7EA

# Harmonies

## Analogous

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



97B282



79B798



60B8B2

# Triad

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



79B798



96A9DC



DA9B8A

# Complementary

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



79B798



B77998

# 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.



DE97A2



79B798



B9A0D1

# Square

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



79B798



72B1DA



D299BC



CBA37A

# Rectangle

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



79B798



5AB8C3



D299BC



DD9991



# Sweetspot

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



79B798



D5EDE1



98B779



697871



F7F7F7



787878



# Same Dimension

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



79B798



8CEDBD



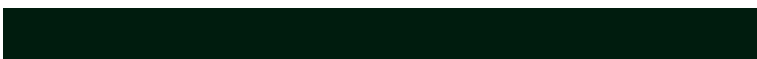
79B7B7



535C57



009C4E



001C0E



# Inverse Universe

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



B77998



ED8CBD



B77979



5C5357



9C004E



1C000E



# Previews

## White Background



This preview shows how the Hex color 79B798 looks on a white background.

## Color Contrast Check

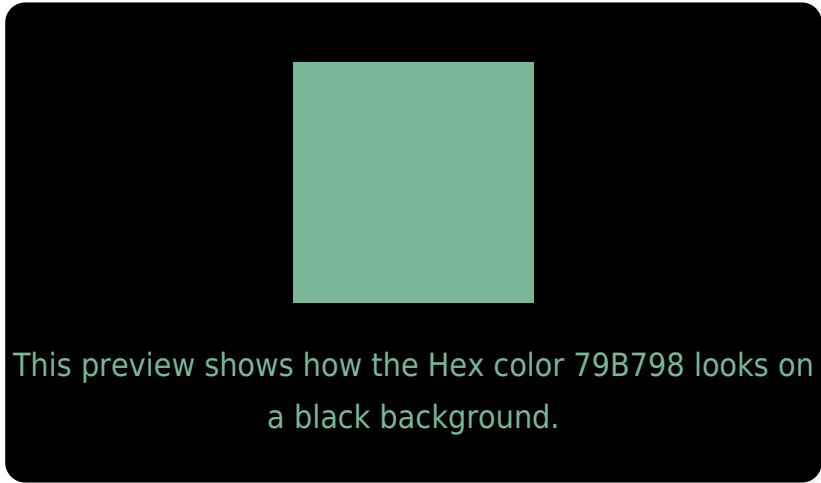
Large Text (above 18pt) WCAG AA × Fail

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

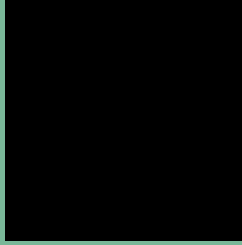
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 79B798 Background



This preview shows how black text looks on a background with the Hex color 79B798.

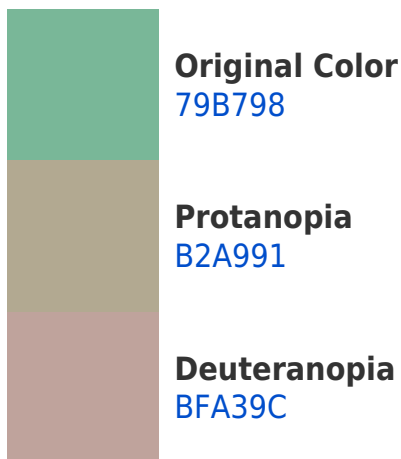


This preview shows how white text looks on a background with the Hex color 79B798.

# 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





**Tritanopia**  
82B1C0

# Trichromacy



**Original Color**  
79B798



**Protanomaly**  
9DAE94



**Deuteranomaly**  
A6AA9B

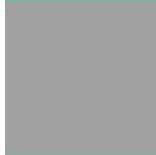


**Tritanomaly**  
7FB3B1

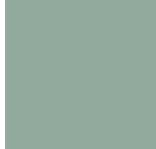
# Monochromacy



**Original Color**  
79B798



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
92A99E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79B798 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 #79B798 looks like.

```
.text, #text, p{  
    color:#79B798  
}
```

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 #79B798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79B798  
}
```

## Border

The CSS property to change the border of an element to Hex 79B798 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  
#79B798 }
```

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

```
.border{ border-color:#79B798 }
```

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

Here you see how a box with a 4 pixel #79B798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79B798; -webkit-box-shadow:4px 4px  
4px 4px #79B798; box-shadow:4px 4px 4px  
4px #79B798 }
```

# Background

The CSS property to change the background color of an element to Hex 79B798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79B798 }
```

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

```
.background{ background-color:#79B798 }
```

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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