

# Converting Colors

Hex(79B28B)

Have a look what the booklet for  
Hex(79B28B) contains.

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# **Color**

**Hex(79B28B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	79B28B
RGB	121, 178, 139
RGB Percent	47%, 70%, 55%
CMY	0.5255, 0.3020, 0.4549
CMYK	0.32, 0.00, 0.22, 0.30
HSL	139°, 27%, 59%
HSV	139°, 32%, 70%
XYZ	28.4658, 37.7698, 30.2161
YIQ	156.5110, -21.4530, -24.2130

# Conversions

## Conversions Part 2

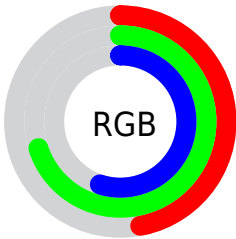
Format	Color
<a href="#">RYB</a>	<a href="#">121, 164, 178</a>
Decimal	<a href="#">7975563</a>
CIELab	<a href="#">67.85, -26.90, 14.12</a>
CIELCh	<a href="#">68, 30.377, 152.309</a>
Yxy	<a href="#">37.7698, 0.2951, 0.3916</a>
Android (android.graphics.Color)	<a href="#">4286165643 (0xFF79B28B)</a>
YUV	<a href="#">156.5110, -8.6329, -31.1431</a>
Hunter-Lab	<a href="#">61.4572, -24.8723, 13.8694</a>

# Details

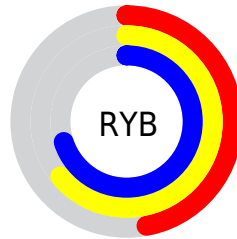
The Hex color **79B28B** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B279A0**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **AFEAC1**, and **467D59** is the 20% darker color. If you saturate the color by 10%, you get **67B27F**, and if you desaturate by 10%, it is **8BB297**.

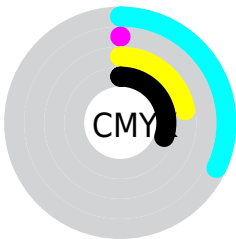
# Distribution



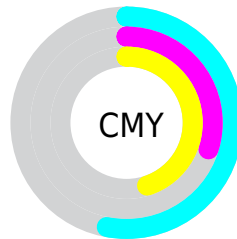
- Red (47%)
- Green (70%)
- Blue (55%)



- Red (47%)
- Yellow (64%)
- Blue (70%)



- Cyan (32%)
- Magenta (0%)
- Yellow (22%)
- Black (30%)



- Cyan (53%)
- Magenta (30%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79B28B 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 79B28B by changing the saturation by 10% instead.



 79B28B

 79B28B

FFFFFF

 5F9771

 AFEAC1

 467D59

 CBFFDC

 2D6441

 E7FFF9

 124B2B

 003416

 002000

 000000

 79B28B

 79B28B

 67B27F

 8BB297

 55B273

 9DB2A3

 44B266

 AEB2B0

 32B25A

 C0B2BC

 20B24E

 D2B2C8

 0EB242

 E4B2D4

 00B238

 F6B2E0

 FFB2EC

 FFB2F9

# Harmonies

## Analogous

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



99AC76



79B28B



5AB4A7

# Triad

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



79B28B



84A7DC



DB9389

# Complementary

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



79B28B



B279A0

# 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.



DA91A4



79B28B



AC9DD4

# Square

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



79B28B



5DAFD5



CA95BF



CE9B76

# Rectangle

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



79B28B



4DB4B9



CA95BF



DC9292



# Sweetspot

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



79B28B



D1E8D8



A1B279



67756C



F5F5F5



757575



# Same Dimension

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



79B28B



90E8AC



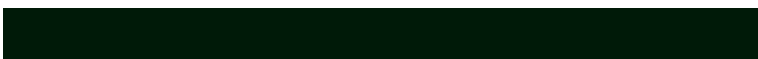
79B2A7



505953



009930



001A08



# Inverse Universe

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



B279A0



E890CC



B27984



595056



990069



1A0011



# Previews

## White Background



This preview shows how the Hex color 79B28B looks on a white background.

## Color Contrast Check

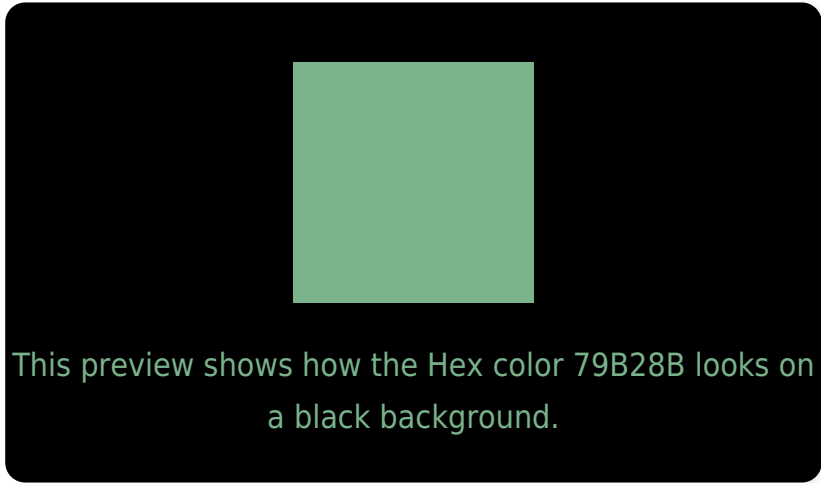
Large Text (above 18pt) WCAG AA × Fail

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 79B28B Background



This preview shows how black text looks on a background with the Hex color 79B28B.

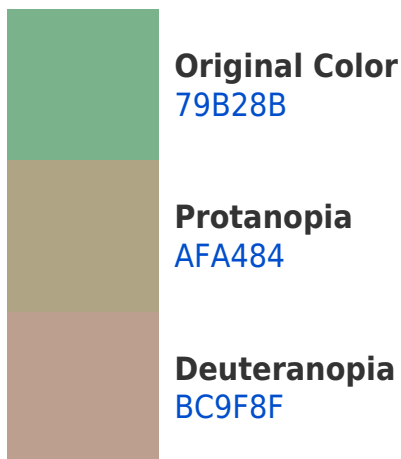


This preview shows how white text looks on a background with the Hex color 79B28B.

# 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](#).

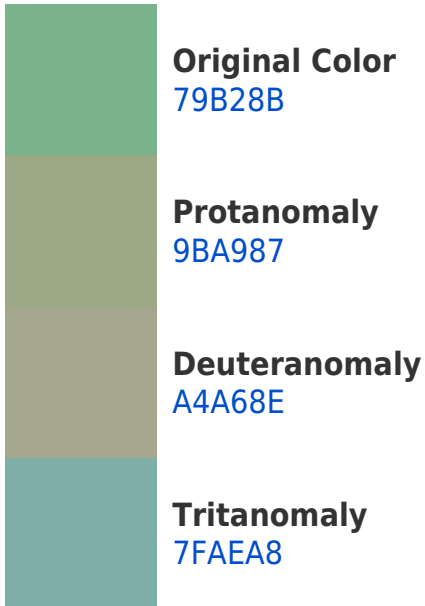
## Dichromacy



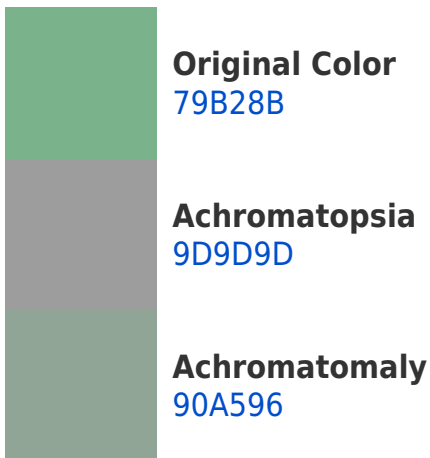


**Tritanopia**  
82ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79B28B 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 #79B28B looks like.

```
.text, #text, p{  
    color:#79B28B  
}
```

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 #79B28B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79B28B
}
```

## Border

The CSS property to change the border of an element to Hex 79B28B 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
#79B28B }
```

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

```
.border{ border-color:#79B28B }
```

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

Here you see how a box with a 4 pixel #79B28B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79B28B; -webkit-box-shadow:4px 4px  
4px 4px #79B28B; box-shadow:4px 4px 4px  
4px #79B28B }
```

# Background

The CSS property to change the background color of an element to Hex 79B28B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79B28B }
```

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

```
.background{ background-color:#79B28B }
```

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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