

Converting Colors

Hex(79B89E)

Have a look what the booklet for
Hex(79B89E) contains.

| | |
|--|----|
| Hex(79B89E) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(79B89E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 79B89E |
| RGB | 121, 184, 158 |
| RGB Percent | 47%, 72%, 62% |
| CMY | 0.5255, 0.2784, 0.3804 |
| CMYK | 0.34, 0.00, 0.14, 0.28 |
| HSL | 155°, 31%, 60% |
| HSV | 155°, 34%, 72% |
| XYZ | 31.1972, 40.8145, 38.5815 |
| YIQ | 162.1990, -29.2020, -21.4420 |

Conversions

Conversions Part 2

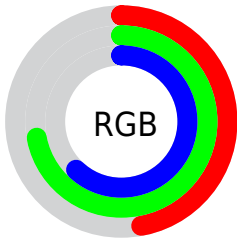
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 121, 161, 184 |
| Decimal | 7977118 |
| CIELab | 70.05, -25.99, 6.83 |
| CIElCh | 70, 26.867, 165.276 |
| Yxy | 40.8145, 0.2821, 0.3691 |
| Android (android.graphics.Color) | 4286167198 (0xFF79B89E) |
| YUV | 162.1990, -2.0701, -36.1315 |
| Hunter-Lab | 63.8863, -24.6351, 8.9146 |

Details

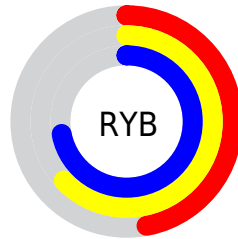
The Hex color **79B89E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B87993**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **AFF0D5**, and **45836B** is the 20% darker color. If you saturate the color by 10%, you get **67B896**, and if you desaturate by 10%, it is **8BB8A6**.

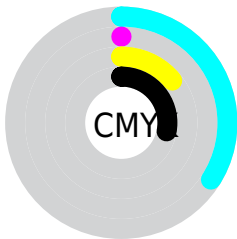
Distribution



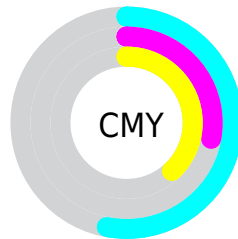
- Red (47%)
- Green (72%)
- Blue (62%)



- Red (47%)
- Yellow (63%)
- Blue (72%)



- Cyan (34%)
- Magenta (0%)
- Yellow (14%)
- Black (28%)



- Cyan (53%)
- Magenta (28%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79B89E 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 79B89E by changing the saturation by 10% instead.

 79B89E

 79B89E

FFFFFF

 5F9D84

 AFF0D5

 45836B

 CBFFF1

 2B6952

 E8FFFF

 0E513B

 003926

 002411

 000000

 79B89E

 79B89E

 67B896

 8BB8A6

 54B88F

 9EB8AD

 42B887

 B0B8B5

 2FB880

 C3B8BC

 1DB878

 D5B8C4

 0BB870

 E7B8CC

 00B86C

 FAB8D3

 FFB8DB

 FFB8E2

Harmonies

Analogous

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



94B488



79B89E



65B9B7

Triad

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



79B89E



9EA9DA



D89E8A

Complementary

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



79B89E



B87993

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.



DD9A9F



79B89E



BEA1CE

Square

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



79B89E



7CB1DA



D49BB8



C8A67C

Rectangle

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



79B89E



62B8C6



D49BB8



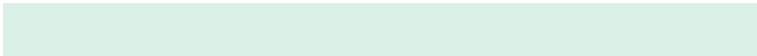
DB9C90

Sweetspot

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



79B89E



D8F0E6



93B879



697872



F7F7F7



787878

Same Dimension

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



79B89E



8DF0C7



79B3B8



535C58



009C5B



001C10

Inverse Universe

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



B87993



F08DB6



B87E79



5C5356



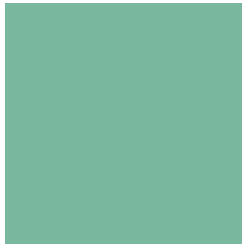
9C0040



1C000C

Previews

White Background



This preview shows how the Hex color 79B89E looks on a white background.

Color Contrast Check

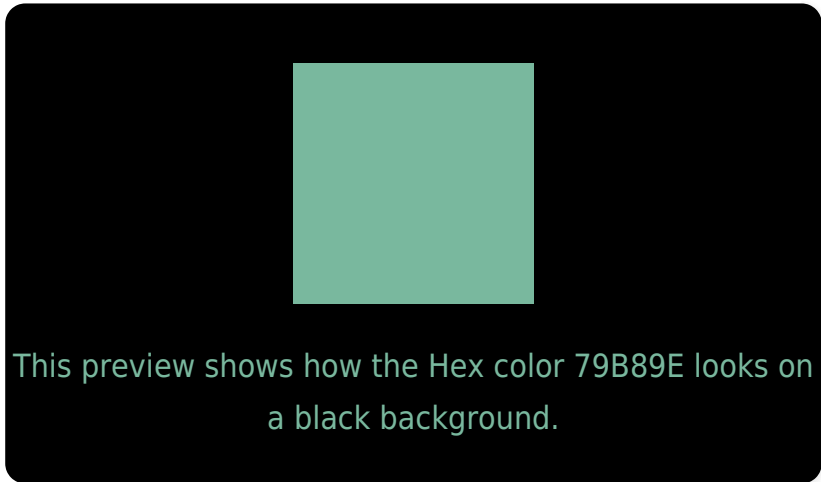
Large Text (above 18pt) WCAG AA × Fail

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

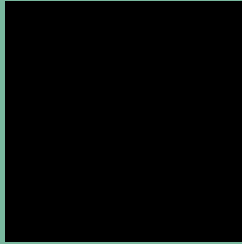
Any Text WCAG AA ✓ Pass

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 79B89E Background



This preview shows how black text looks on a background with the Hex color 79B89E.

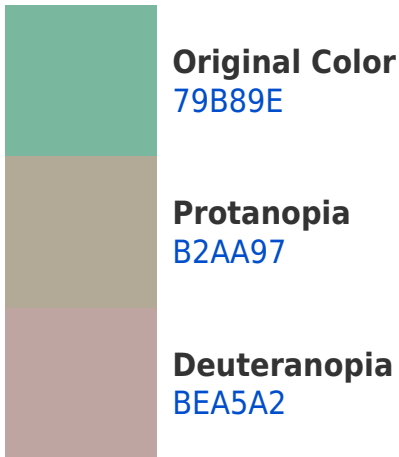


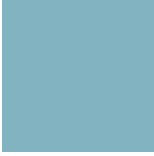
This preview shows how white text looks on a background with the Hex color 79B89E.

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](#).

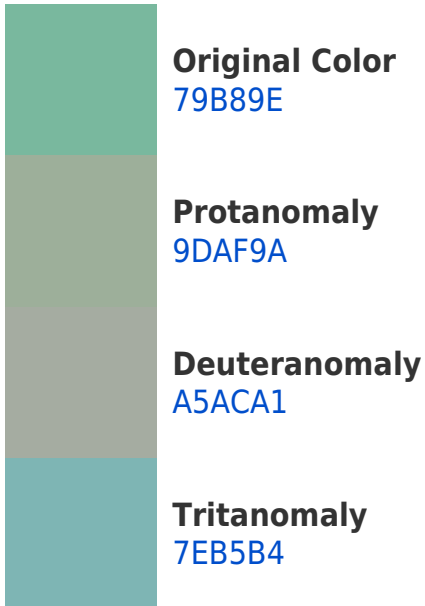
Dichromacy





Tritanopia
81B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 79B89E 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 #79B89E looks like.

```
.text, #text, p{  
    color:#79B89E  
}
```

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 #79B89E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79B89E
}
```

Border

The CSS property to change the border of an element to Hex 79B89E 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
#79B89E }
```

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

```
.border{ border-color:#79B89E }
```

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

Here you see how a box with a 4 pixel #79B89E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79B89E; -webkit-box-shadow:4px 4px  
4px 4px #79B89E; box-shadow:4px 4px 4px  
4px #79B89E }
```

Background

The CSS property to change the background color of an element to Hex 79B89E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79B89E }
```

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

```
.background{ background-color:#79B89E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor