

# Converting Colors

Hex(7EBA8E)

Have a look what the booklet for  
Hex(7EBA8E) contains.

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# **Color**

**Hex(7EBA8E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EBA8E
RGB	126, 186, 142
RGB Percent	49%, 73%, 56%
CMY	0.5059, 0.2706, 0.4431
CMYK	0.32, 0.00, 0.24, 0.27
HSL	136°, 30%, 61%
HSV	136°, 32%, 73%
XYZ	31.0456, 41.5064, 31.9665
YIQ	163.0440, -21.6360, -26.4040

# Conversions

## Conversions Part 2

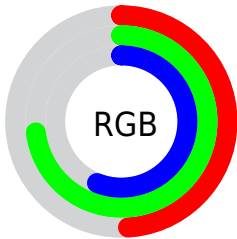
Format	Color
<a href="#">RYB</a>	<a href="#">126, 173, 186</a>
Decimal	<a href="#">8305294</a>
CIELab	<a href="#">70.53, -28.63, 16.26</a>
CIELCh	<a href="#">71, 32.925, 150.401</a>
Yxy	<a href="#">41.5064, 0.2970, 0.3971</a>
Android (android.graphics.Color)	<a href="#">4286495374 (0xFF7EBA8E)</a>
YUV	<a href="#">163.0440, -10.3747, -32.4876</a>
Hunter-Lab	<a href="#">64.4255, -26.7284, 15.6795</a>

# Details

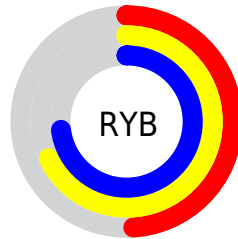
The Hex color **7EBA8E** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **BA7EAA**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B4F2C4**, and **4A845C** is the 20% darker color. If you saturate the color by 10%, you get **6BBA80**, and if you desaturate by 10%, it is **91BA9C**.

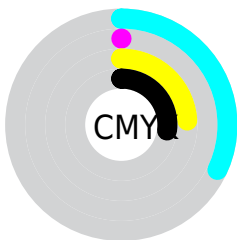
# Distribution



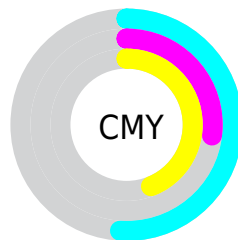
- Red (49%)
- Green (73%)
- Blue (56%)



- Red (49%)
- Yellow (68%)
- Blue (73%)



- Cyan (32%)
- Magenta (0%)
- Yellow (24%)
- Black (27%)



- Cyan (51%)
- Magenta (27%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EBA8E 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 7EBA8E by changing the saturation by 10% instead.



 7EBA8E

 7EBA8E


FFFFFF

 649F74

 B4F2C4

 4A845C

 D0FFE0

 316B44

 EDFFFC

 16522D

 003B18

 002500

 000400

 000000

 7EBA8E

 7EBA8E

 6BBA80

 91BA9C

 59BA73

 A3BAA9

 46BA65

 B6BAB7

 34BA57

 C8BAC5

 21BA4A

 DBBAD2

 0EBA3C

 EEBAE0

 00BA32

 FFBAED

 FFBAFB

 FFBAFF

# Harmonies

## Analogous

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



A1B478



7EBA8E



5BBDAC

# Triad

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



7EBA8E



85AFE8



E79890

# Complementary

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



7EBA8E



BA7EAA

# 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.



E596AD



7EBA8E



B1A5E0

# Square

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



7EBA8E



59B7E0



D39BCB



D9A179

# Rectangle

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



7EBA8E



49BDC0



D39BCB



E89799



# Sweetspot

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



7EBA8E



DAF2E0



AABA7E



6C7A70



FAFAFA



7A7A7A



# Same Dimension

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



7EBA8E



94F2AD



7EBAAC



535C55



009C29



001C07



# Inverse Universe

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



BA7EAA



F294D9



BA7E8C



5C5359



9C0072

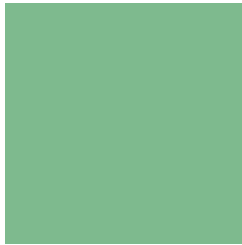


1C0015



# Previews

## White Background



This preview shows how the Hex color 7EBA8E looks on a white background.

## Color Contrast Check

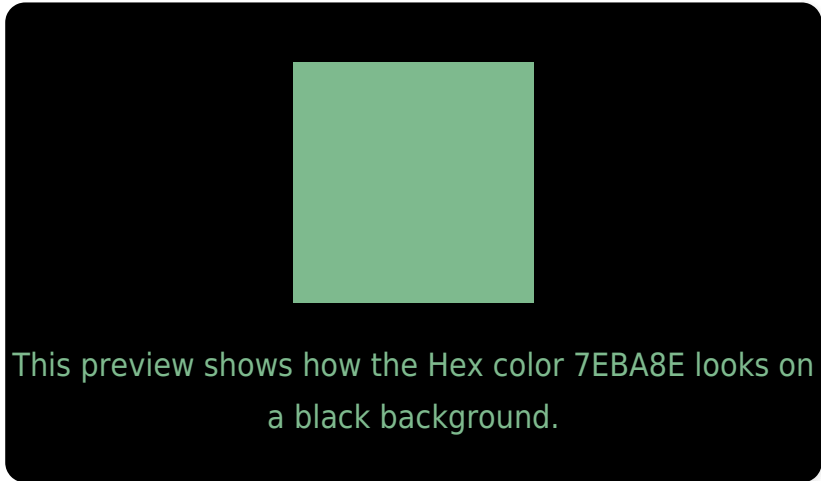
Large Text (above 18pt) WCAG AA × Fail

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

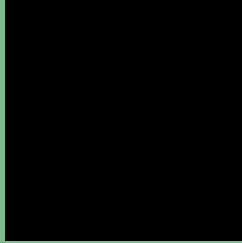
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7EBA8E Background



This preview shows how black text looks on a background with the Hex color 7EBA8E.

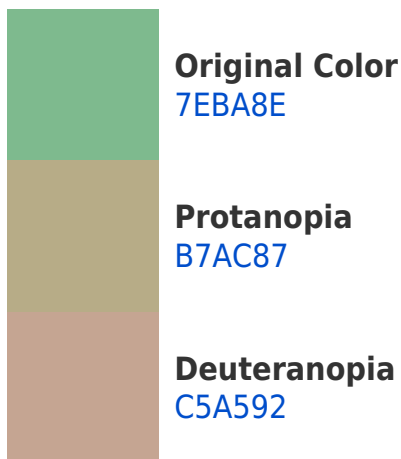


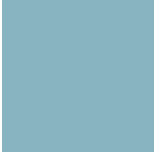
This preview shows how white text looks on a background with the Hex color 7EBA8E.

# 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](#).

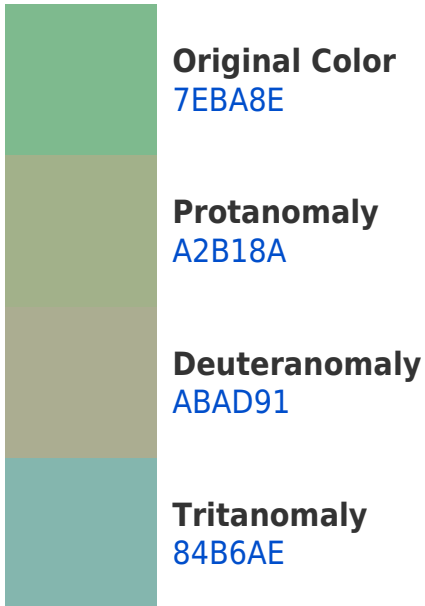
## Dichromacy





**Tritanopia**  
88B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EBA8E 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 #7EBA8E looks like.

```
.text, #text, p{  
    color:#7EBA8E  
}
```

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 #7EBA8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EBA8E
}
```

## Border

The CSS property to change the border of an element to Hex 7EBA8E 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
#7EBA8E }
```

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

```
.border{ border-color:#7EBA8E }
```

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

Here you see how a box with a 4 pixel #7EBA8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EBA8E; -webkit-box-shadow:4px 4px  
4px 4px #7EBA8E; box-shadow:4px 4px 4px  
4px #7EBA8E }
```

# Background

The CSS property to change the background color of an element to Hex 7EBA8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EBA8E }
```

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

```
.background{ background-color:#7EBA8E }
```

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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