

# Converting Colors

Hex(7EB6AF)

Have a look what the booklet for  
Hex(7EB6AF) contains.

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# **Color**

**Hex(7EB6AF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EB6AF
RGB	126, 182, 175
RGB Percent	49%, 71%, 69%
CMY	0.5059, 0.2863, 0.3137
CMYK	0.31, 0.00, 0.04, 0.29
HSL	172°, 28%, 60%
HSV	172°, 31%, 71%
XYZ	33.0700, 40.9867, 46.7257
YIQ	164.4580, -31.1290, -14.0490

# Conversions

## Conversions Part 2

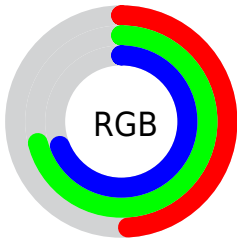
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 156, 182
Decimal	8304303
CIELab	70.17, -19.74, -2.29
CIElCh	70, 19.870, 186.626
Yxy	40.9867, 0.2738, 0.3393
Android (android.graphics.Color)	4286494383 (0xFF7EB6AF)
YUV	164.4580, 5.1972, -33.7277
Hunter-Lab	64.0208, -19.8322, 1.5417

# Details

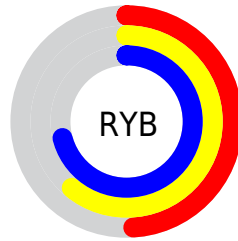
The Hex color **7EB6AF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B67E85**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **B4EEE6**, and **4A817B** is the 20% darker color. If you saturate the color by 10%, you get **6CB6AD**, and if you desaturate by 10%, it is **90B6B1**.

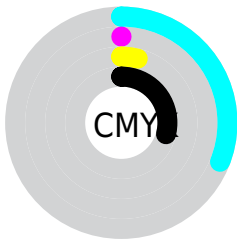
# Distribution



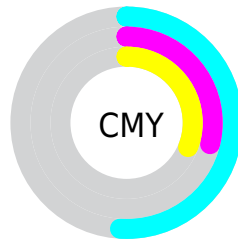
- Red (49%)
- Green (71%)
- Blue (69%)



- Red (49%)
- Yellow (61%)
- Blue (71%)



- Cyan (31%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)



- Cyan (51%)
- Magenta (29%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EB6AF 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 7EB6AF by changing the saturation by 10% instead.





7EB6AF



7EB6AF

FFFFFF



649B94



B4EEE6



4A817B



D0FFFF



316862



EDFFFF



164F4A



003834



00231E



000106



000000



7EB6AF



7EB6AF

 6CB6AD

 90B6B1

 5AB6AA

 A2B6B4

 47B6A8

 B5B6B6

 35B6A6

 C7B6B8

 23B6A4

 D9B6BA

 11B6A1

 EBB6BD

 00B69F

 FDB6BF

 FFB6C1

 FFB6C3

# Harmonies

## Analogous

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



8DB59D



7EB6AF



7BB5C0

# Triad

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



7EB6AF



B4A6C8



C6A68B

# Complementary

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



7EB6AF



B67E85

# 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.



D0A197



7EB6AF



C6A1BA

# Square

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



7EB6AF



9CACCF



D09FA8



B5AC88

# Rectangle

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



7EB6AF



81B3C9



D09FA8



CAA48E



# Sweetspot

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



7EB6AF



D8EDEA



85B67E



6B7876



F7F7F7



787878



# Same Dimension

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



7EB6AF



95EDE2



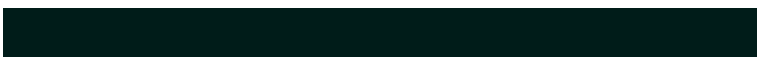
7EA1B6



535C5B



009C88



001C19



# Inverse Universe

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



B67E85



ED95A0



B6937E



5C5354



9C0013

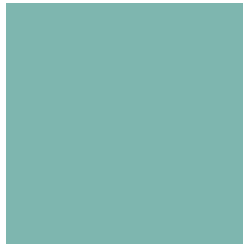


1C0004



# Previews

## White Background



This preview shows how the Hex color 7EB6AF looks on a white background.

## Color Contrast Check

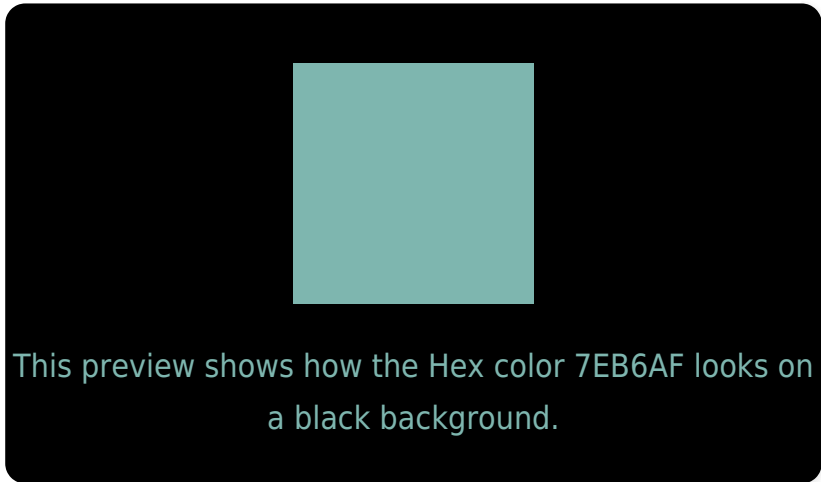
Large Text (above 18pt) WCAG AA × Fail

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

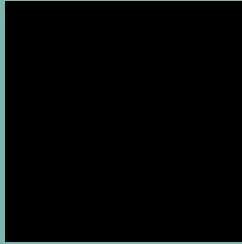
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7EB6AF Background



This preview shows how black text looks on a background with the Hex color 7EB6AF.

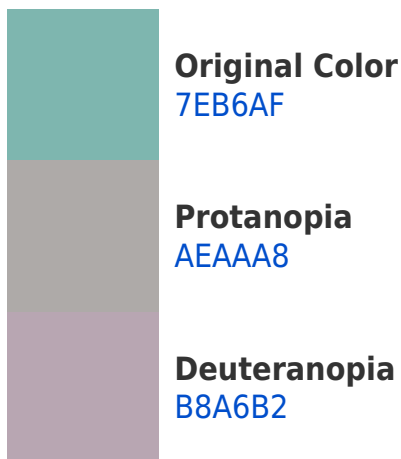


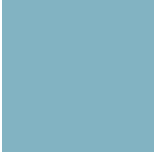
This preview shows how white text looks on a background with the Hex color 7EB6AF.

# 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](#).

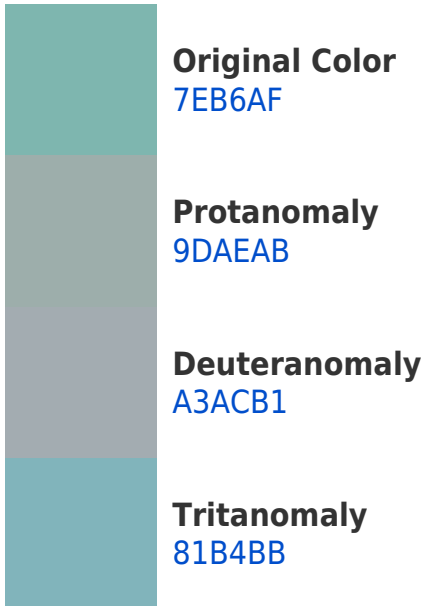
## Dichromacy



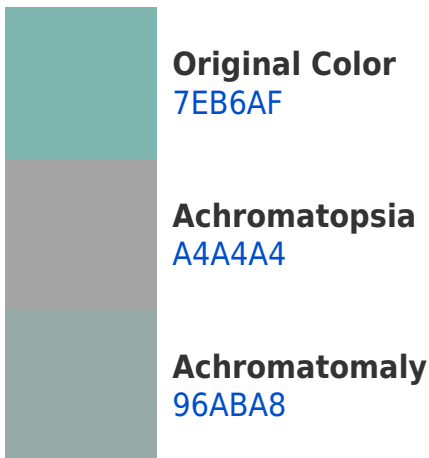


**Tritanopia**  
82B3C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EB6AF 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 #7EB6AF looks like.

```
.text, #text, p{  
    color:#7EB6AF  
}
```

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 #7EB6AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB6AF
}
```

## Border

The CSS property to change the border of an element to Hex 7EB6AF 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
#7EB6AF }
```

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

```
.border{ border-color:#7EB6AF }
```

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

Here you see how a box with a 4 pixel #7EB6AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EB6AF; -webkit-box-shadow:4px 4px  
4px 4px #7EB6AF; box-shadow:4px 4px 4px  
4px #7EB6AF }
```

# Background

The CSS property to change the background color of an element to Hex 7EB6AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EB6AF }
```

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

```
.background{ background-color:#7EB6AF }
```

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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