

# Converting Colors

Hex(7EB7AD)

Have a look what the booklet for  
Hex(7EB7AD) contains.

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# **Color**

**Hex(7EB7AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EB7AD
RGB	126, 183, 173
RGB Percent	49%, 72%, 68%
CMY	0.5059, 0.2824, 0.3216
CMYK	0.31, 0.00, 0.05, 0.28
HSL	169°, 28%, 61%
HSV	169°, 31%, 72%
XYZ	33.0805, 41.3197, 45.7671
YIQ	164.8170, -30.7620, -15.1940

# Conversions

## Conversions Part 2

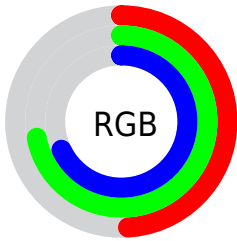
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 157, 183
Decimal	8304557
CIE <sub>Lab</sub>	70.40, -20.70, -0.85
CIE <sub>LCh</sub>	70, 20.721, 182.358
Yxy	41.3197, 0.2753, 0.3439
Android (android.graphics.Color)	4286494637 (0xFF7EB7AD)
YUV	164.8170, 4.0342, -34.0425
Hunter-Lab	64.2804, -20.6297, 2.7823

# Details

The Hex color **7EB7AD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B77E88**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B4EFE4**, and **4A8279** is the 20% darker color. If you saturate the color by 10%, you get **6CB7AA**, and if you desaturate by 10%, it is **90B7B0**.

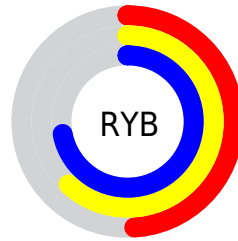
# Distribution



Red (49%)

Green (72%)

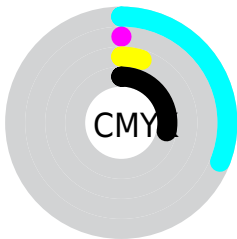
Blue (68%)



Red (49%)

Yellow (62%)

Blue (72%)

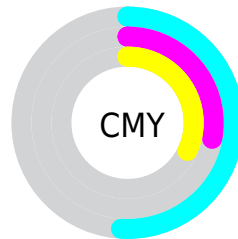


Cyan (31%)

Magenta (0%)

Yellow (5%)

Black (28%)



Cyan (51%)

Magenta (28%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EB7AD 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 7EB7AD by changing the saturation by 10% instead.



 7EB7AD

 7EB7AD

FFFFFF

 649C92

 B4EFE4

 4A8279

 D0FFFF

 316960

 EDFFFF

 165048

 003932

 00231D

 000303

 000000

 7EB7AD

 7EB7AD

 6CB7AA

 90B7B0

 59B7A7

 A3B7B3

 47B7A3

 B5B7B7

 35B7A0

 C7B7BA

 23B79D

 DAB7BD

 10B79A

 ECB7C0

 00B797

 FEB7C3

 FFB7C7

 FFB7CA

# Harmonies

## Analogous

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



8FB59A



7EB7AD



78B6C0

# Triad

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



7EB7AD



B1A7CC



CAA58B

# Complementary

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



7EB7AD



B77E88

# 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.



D2A099



7EB7AD



C6A1BE

# Square

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



7EB7AD



98ADD1



D29FAB



B9AB87

# Rectangle

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



7EB7AD



7DB4C9



D29FAB



CDA38F



# Sweetspot

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



7EB7AD



D8EDE9



88B77E



6B7876



F7F7F7



787878



# Same Dimension

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



7EB7AD



95EDDE



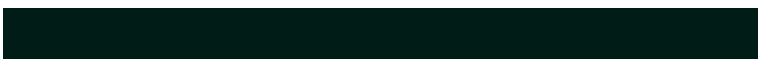
7EA5B7



535C5A



009C80



001C17



# Inverse Universe

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



B77E88



ED95A5



B7907E



5C5354



9C001B



1C0005



# Previews

## White Background



This preview shows how the Hex color 7EB7AD looks on a white background.

## Color Contrast Check

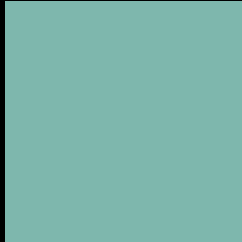
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 7EB7AD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

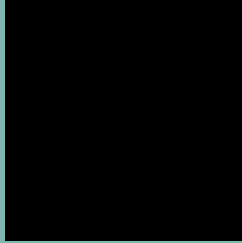
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

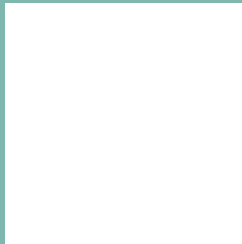
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7EB7AD Background



This preview shows how black text looks on a background with the Hex color 7EB7AD.

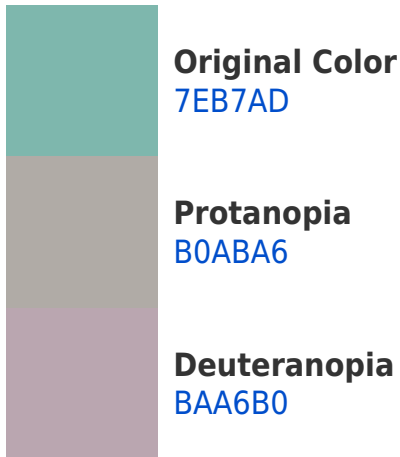


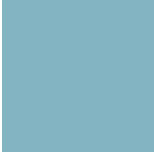
This preview shows how white text looks on a background with the Hex color 7EB7AD.

# 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**  
83B4C2

# Trichromacy



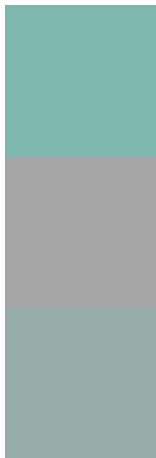
**Original Color**  
7EB7AD

**Protanomaly**  
9EAFA9

**Deuteranomaly**  
A4ACAF

**Tritanomaly**  
81B5BA

# Monochromacy



**Original Color**  
7EB7AD

**Achromatopsia**  
A5A5A5

**Achromatomaly**  
97ACA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EB7AD 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 #7EB7AD looks like.

```
.text, #text, p{  
    color:#7EB7AD  
}
```

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 #7EB7AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB7AD
}
```

## Border

The CSS property to change the border of an element to Hex 7EB7AD 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
#7EB7AD }
```

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

```
.border{ border-color:#7EB7AD }
```

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

Here you see how a box with a 4 pixel #7EB7AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EB7AD; -webkit-box-shadow:4px 4px  
4px 4px #7EB7AD; box-shadow:4px 4px 4px  
4px #7EB7AD }
```

# Background

The CSS property to change the background color of an element to Hex 7EB7AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EB7AD }
```

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

```
.background{ background-color:#7EB7AD }
```

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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