

# Converting Colors

Hex(7EB0A7)

Have a look what the booklet for  
Hex(7EB0A7) contains.

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**Color**

**Hex(7EB0A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EB0A7
RGB	126, 176, 167
RGB Percent	49%, 69%, 65%
CMY	0.5059, 0.3098, 0.3451
CMYK	0.28, 0.00, 0.05, 0.31
HSL	169°, 24%, 59%
HSV	169°, 28%, 69%
XYZ	31.1046, 38.2763, 42.3079
YIQ	160.0240, -26.9110, -13.3990

# Conversions

## Conversions Part 2

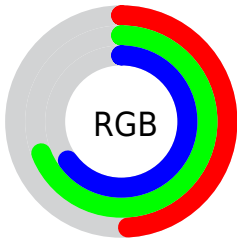
Format	Color
<a href="#">RYB</a>	<a href="#">126, 153, 176</a>
Decimal	<a href="#">8302759</a>
CIELab	<a href="#">68.22, -18.47, -0.73</a>
CIElCh	<a href="#">68, 18.488, 182.262</a>
Yxy	<a href="#">38.2763, 0.2785, 0.3427</a>
Android (android.graphics.Color)	<a href="#">4286492839 (0xFF7EB0A7)</a>
YUV	<a href="#">160.0240, 3.4392, -29.8390</a>
Hunter-Lab	<a href="#">61.8678, -18.5264, 2.7624</a>

# Details

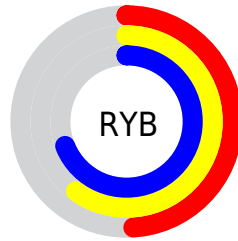
The Hex color **7EB0A7** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B07E87**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B4E8DE**, and **4B7B73** is the 20% darker color. If you saturate the color by 10%, you get **6CB0A4**, and if you desaturate by 10%, it is **90B0AA**.

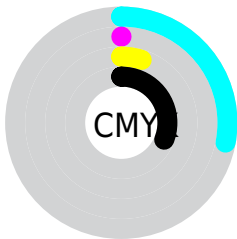
# Distribution



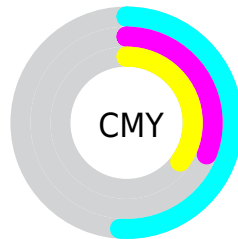
- Red (49%)
- Green (69%)
- Blue (65%)



- Red (49%)
- Yellow (60%)
- Blue (69%)



- Cyan (28%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)



- Cyan (51%)
- Magenta (31%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EB0A7 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 7EB0A7 by changing the saturation by 10% instead.



 7EB0A7

 7EB0A7

FFFFFF

 64958D

 B4E8DE

 4B7B73

 D0FFFB

 32625B

 EDFFFF

 194A43

 00332D

 001F18

 000000

 7EB0A7

 7EB0A7

 6CB0A4

 90B0AA

 5BB0A1

 A1B0AD

 49B09D

 B3B0B1

 38B09A

 C4B0B4

 26B097

 D6B0B7

 14B094

 E8B0BA

 03B091

 F9B0BD

 00B090

 FFB0C0

 FFB0C4

# Harmonies

## Analogous

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



8DAE96



7EB0A7



79AFB7

# Triad

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



7EB0A7



ABA2C2



C1A089

# Complementary

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



7EB0A7



B07E87

# 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.



C99C95



7EB0A7



BD9DB6

# Square

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



7EB0A7



95A7C7



C89BA6



B2A685

# Rectangle

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



7EB0A7



7DADC0



C89BA6



C49E8D



# Sweetspot

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



7EB0A7



D1E6E2



87B07E



667370



F2F2F2



737373



# Same Dimension

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



7EB0A7



97E6D7



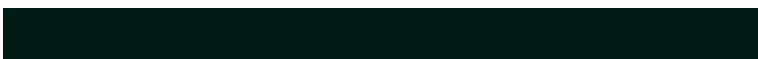
7EA0B0



505958



00997D



001A15



# Inverse Universe

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



B07E87



E697A6



B08E7E



595052



99001C



1A0005



# Previews

## White Background



This preview shows how the Hex color 7EB0A7 looks on a white background.

## Color Contrast Check

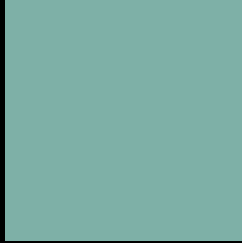
Large Text (above 18pt) WCAG AA × Fail

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 7EB0A7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

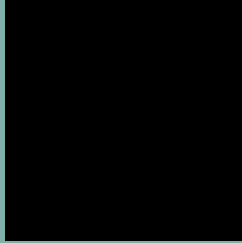
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7EB0A7 Background



This preview shows how black text looks on a background with the Hex color 7EB0A7.

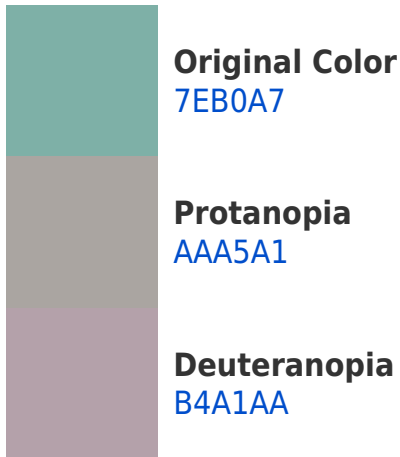


This preview shows how white text looks on a background with the Hex color 7EB0A7.

# 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](#).

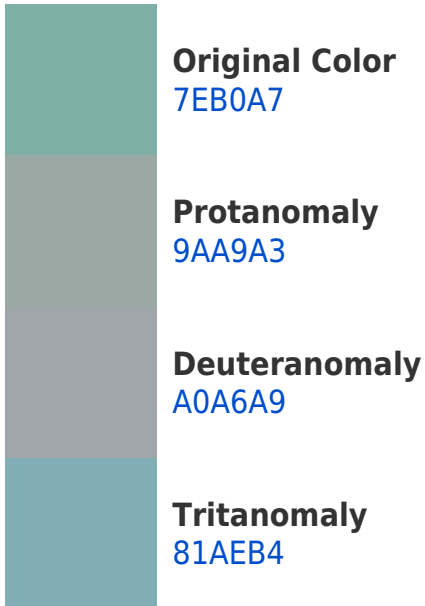
## Dichromacy



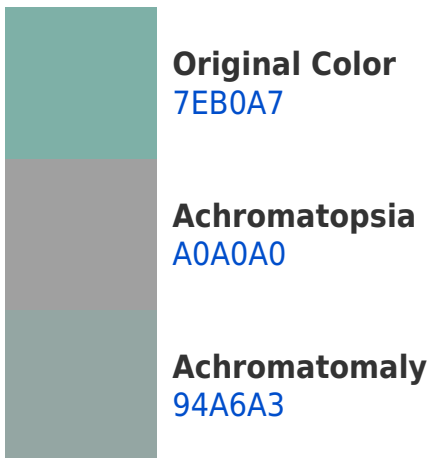


**Tritanopia**  
82ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EB0A7 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 #7EB0A7 looks like.

```
.text, #text, p{  
    color:#7EB0A7  
}
```

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 #7EB0A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB0A7
}
```

## Border

The CSS property to change the border of an element to Hex 7EB0A7 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
#7EB0A7 }
```

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

```
.border{ border-color:#7EB0A7 }
```

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

Here you see how a box with a 4 pixel #7EB0A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EB0A7; -webkit-box-shadow:4px 4px  
4px 4px #7EB0A7; box-shadow:4px 4px 4px  
4px #7EB0A7 }
```

# Background

The CSS property to change the background color of an element to Hex 7EB0A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EB0A7 }
```

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

```
.background{ background-color:#7EB0A7 }
```

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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