

# Converting Colors

Hex(7EA8B7)

Have a look what the booklet for  
Hex(7EA8B7) contains.

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# **Color**

**Hex(7EA8B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EA8B7
RGB	126, 168, 183
RGB Percent	49%, 66%, 72%
CMY	0.5059, 0.3412, 0.2824
CMYK	0.31, 0.08, 0.00, 0.28
HSL	196°, 28%, 61%
HSV	196°, 31%, 72%
XYZ	31.1541, 35.8598, 50.0794
YIQ	157.1520, -29.8470, -4.2390

# Conversions

## Conversions Part 2

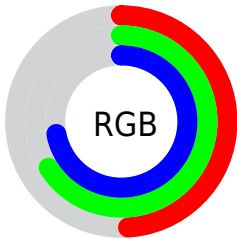
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 150, 183
Decimal	8300727
CIE <sub>Lab</sub>	66.41, -10.48, -12.29
CIE <sub>LCh</sub>	66, 16.155, 229.537
Yxy	35.8598, 0.2661, 0.3062
Android (android.graphics.Color)	4286490807 (0xFF7EA8B7)
YUV	157.1520, 12.7431, -27.3203
Hunter-Lab	59.8830, -11.9310, -7.6653

# Details

The Hex color **7EA8B7** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B78D7E**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B4DFEF**, and **4A7482** is the 20% darker color. If you saturate the color by 10%, you get **6CA3B7**, and if you desaturate by 10%, it is **90ADB7**.

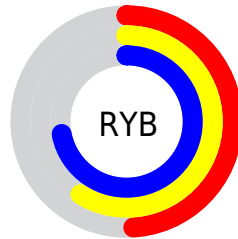
# Distribution



Red (49%)

Green (66%)

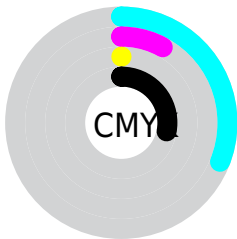
Blue (72%)



Red (49%)

Yellow (59%)

Blue (72%)

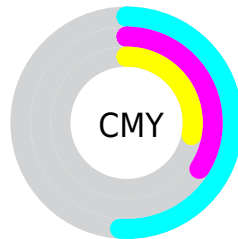


Cyan (31%)

Magenta (8%)

Yellow (0%)

Black (28%)



Cyan (51%)

Magenta (34%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EA8B7 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 7EA8B7 by changing the saturation by 10% instead.





7EA8B7



7EA8B7

FFFFFF



648E9C



B4DFEF



4A7482



D0FCFF



315B69



EDFFFF



174451



002E3A



001924



00010E



000000



7EA8B7



7EA8B7

6CA3B7

90ADB7

599EB7

A3B2B7

479AB7

B5B6B7

3595B7

C7BBB7

2390B7

DAC0B7

108BB7

ECC5B7

0087B7

FECAB7

FFCFB7

FFD3B7

# Harmonies

## Analogous

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



7BAAAB



7EA8B7



8BA4BE

# Triad

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



7EA8B7



BC98A7



A3A486

# Complementary

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



7EA8B7



B78D7E

# 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.



B29F85



7EA8B7



C09898

# Square

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



7EA8B7



AF9BB4



BC9A8C



92A78E

# Rectangle

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



7EA8B7



97A1BE



BC9A8C



A8A285



# Sweetspot

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



7EA8B7



D8E8ED



7EB78C



6B7478



F7F7F7



787878



# Same Dimension

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



7EA8B7



95D6ED



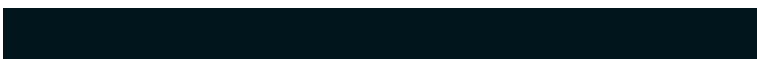
7E8CB7



53595C



00739C



00151C



# Inverse Universe

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



B77EA8



ED95D6



B7A97E



5C5359



9C0073



1C0015



# Previews

## White Background



This preview shows how the Hex color 7EA8B7 looks on a white background.

## Color Contrast Check

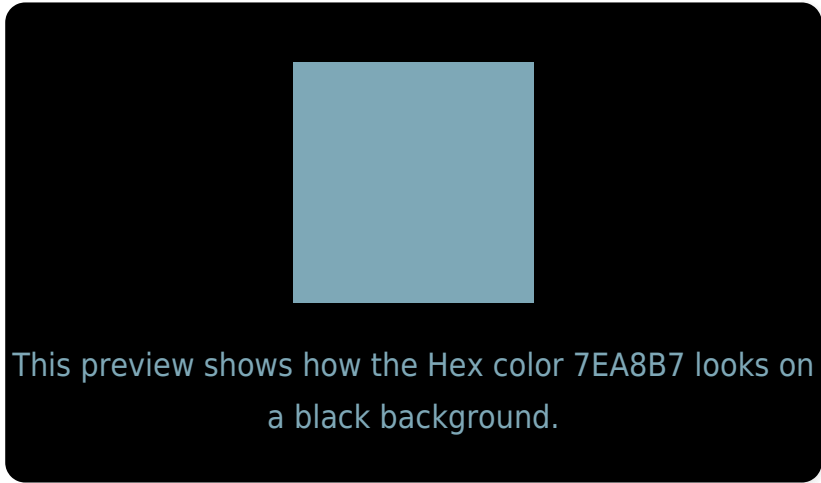
Large Text (above 18pt) WCAG AA × Fail

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 7EA8B7 Background



This preview shows how black text looks on a background with the Hex color 7EA8B7.

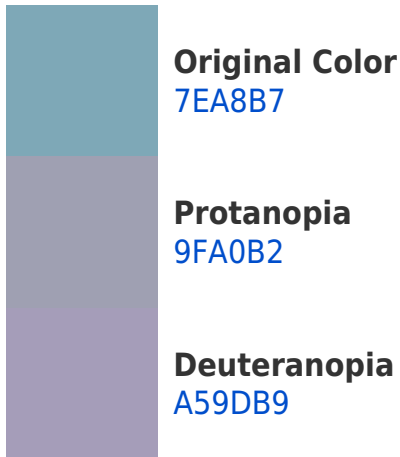


This preview shows how white text looks on a background with the Hex color 7EA8B7.

# 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**  
7EA8B6

# Trichromacy



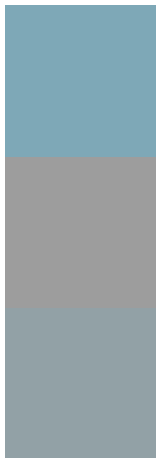
**Original Color**  
7EA8B7

**Protanomaly**  
93A3B4

**Deuteranomaly**  
97A1B8

**Tritanomaly**  
7EA8B6

# Monochromacy



**Original Color**  
7EA8B7

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
92A1A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EA8B7 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 #7EA8B7 looks like.

```
.text, #text, p{  
    color:#7EA8B7  
}
```

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 #7EA8B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EA8B7
}
```

## Border

The CSS property to change the border of an element to Hex 7EA8B7 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
#7EA8B7 }
```

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

```
.border{ border-color:#7EA8B7 }
```

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

Here you see how a box with a 4 pixel #7EA8B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EA8B7; -webkit-box-shadow:4px 4px  
4px 4px #7EA8B7; box-shadow:4px 4px 4px  
4px #7EA8B7 }
```

# Background

The CSS property to change the background color of an element to Hex 7EA8B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EA8B7 }
```

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

```
.background{ background-color:#7EA8B7 }
```

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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