

# Converting Colors

Hex(7EA4A7)

Have a look what the booklet for  
Hex(7EA4A7) contains.

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# **Color**

**Hex(7EA4A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EA4A7
RGB	126, 164, 167
RGB Percent	49%, 64%, 65%
CMY	0.5059, 0.3569, 0.3451
CMYK	0.25, 0.02, 0.00, 0.35
HSL	184°, 19%, 57%
HSV	184°, 25%, 65%
XYZ	28.8547, 33.7766, 41.5579
YIQ	152.9800, -23.6110, -7.1230

# Conversions

## Conversions Part 2

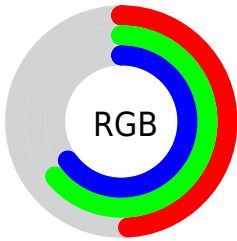
Format	Color
<b>RYB</b>	126, 146, 167
Decimal	8299687
CIELab	64.78, -12.17, -5.79
CIELCh	65, 13.475, 205.455
Yxy	33.7766, 0.2769, 0.3242
Android (android.graphics.Color)	4286489767 (0xFF7EA4A7)
YUV	152.9800, 6.9119, -23.6615
Hunter-Lab	58.1176, -13.0827, -1.7140

# Details

The Hex color **7EA4A7** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A7817E**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **B4DBDE**, and **4B7073** is the 20% darker color. If you saturate the color by 10%, you get **6DA3A7**, and if you desaturate by 10%, it is **8FA5A7**.

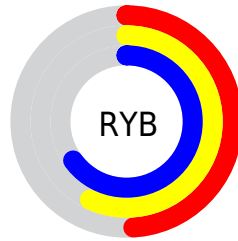
# Distribution



Red (49%)

Green (64%)

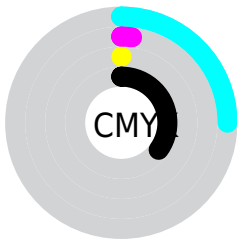
Blue (65%)



Red (49%)

Yellow (57%)

Blue (65%)

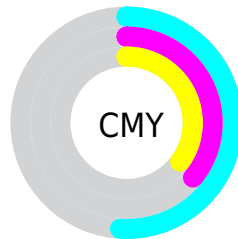


Cyan (25%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (36%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EA4A7 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 7EA4A7 by changing the saturation by 10% instead.



7EA4A7

7EA4A7

FFFFFF

648A8D

B4DBDE

4B7073

CFF8FB

33585B

ECFFFF

1B4043

022A2D

001718

000000

7EA4A7

7EA4A7

6DA3A7

8FA5A7

5DA2A7

9FA6A7

4CA0A7

B0A8A7

3B9FA7

C1A9A7

2B9EA7

D1AAA7

1A9DA7

E2ABA7

099BA7

F3ADA7

009BA7

FFAEA7

FFAFA7

# Harmonies

## Analogous

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



83A49B



7EA4A7



82A2B1

# Triad

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



7EA4A7



AB97AB



A99C85

# Complementary

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



7EA4A7



A7817E

# 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.



B3988A



7EA4A7



B4959F

# Square

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



7EA4A7



9D9BB3



B79593



9CA087

# Rectangle

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



7EA4A7



89A0B4



B79593



AD9A86



# Sweetspot

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



7EA4A7



CAD8D9



7EA781



656D6E



EDEDED



6E6E6E



# Same Dimension

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



7EA4A7



9AD4D9



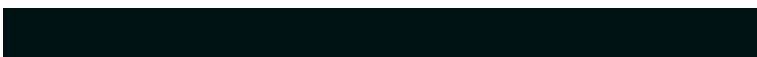
7E90A7



4C5454



008994



001314



# Inverse Universe

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



A77EA4



D99AD4



A7957E



544C54



940089



140013



# Previews

## White Background



This preview shows how the Hex color 7EA4A7 looks on a white background.

## Color Contrast Check

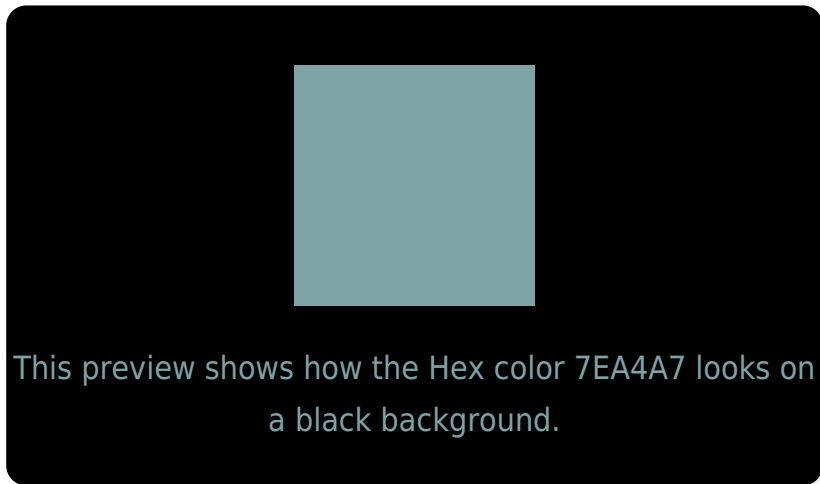
Large Text (above 18pt) WCAG AA × Fail

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

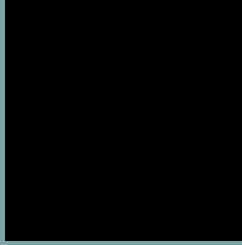
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7EA4A7 Background



This preview shows how black text looks on a background with the Hex color 7EA4A7.



This preview shows how white text looks on a background with the Hex color 7EA4A7.

# 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](#).

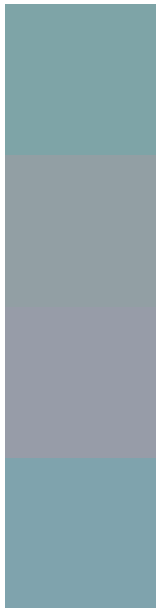
## Dichromacy





**Tritanopia**  
80A3B0

# Trichromacy



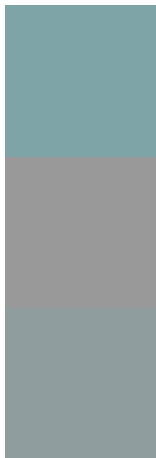
**Original Color**  
7EA4A7

**Protanomaly**  
929FA4

**Deuteranomaly**  
979CA8

**Tritanomaly**  
7FA3AD

# Monochromacy



**Original Color**  
7EA4A7

**Achromatopsia**  
999999

**Achromatomaly**  
8F9D9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EA4A7 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 #7EA4A7 looks like.

```
.text, #text, p{  
    color:#7EA4A7  
}
```

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 #7EA4A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EA4A7
}
```

## Border

The CSS property to change the border of an element to Hex 7EA4A7 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
#7EA4A7 }
```

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

```
.border{ border-color:#7EA4A7 }
```

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

Here you see how a box with a 4 pixel #7EA4A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EA4A7; -webkit-box-shadow:4px 4px  
4px 4px #7EA4A7; box-shadow:4px 4px 4px  
4px #7EA4A7 }
```

# Background

The CSS property to change the background color of an element to Hex 7EA4A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EA4A7 }
```

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

```
.background{ background-color:#7EA4A7 }
```

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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