

# Converting Colors

Hex(7BA1A7)

Have a look what the booklet for  
Hex(7BA1A7) contains.

<b>Hex(7BA1A7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(7BA1A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BA1A7
RGB	123, 161, 167
RGB Percent	48%, 63%, 65%
CMY	0.5176, 0.3686, 0.3451
CMYK	0.26, 0.04, 0.00, 0.35
HSL	188°, 20%, 57%
HSV	188°, 26%, 65%
XYZ	27.8883, 32.4907, 41.3607
YIQ	150.3220, -24.5740, -6.1900

# Conversions

## Conversions Part 2

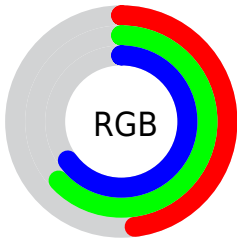
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 143, 167
Decimal	8102311
CIE <sub>Lab</sub>	63.75, -11.48, -7.35
CIE <sub>LCh</sub>	64, 13.636, 212.625
Yxy	32.4907, 0.2741, 0.3194
Android (android.graphics.Color)	4286292391 (0xFF7BA1A7)
YUV	150.3220, 8.2223, -23.9614
Hunter-Lab	57.0006, -12.4176, -3.1215

# Details

The Hex color **7BA1A7** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A7817B**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B0D8DE**, and **496D73** is the 20% darker color. If you saturate the color by 10%, you get **6A9FA7**, and if you desaturate by 10%, it is **8CA3A7**.

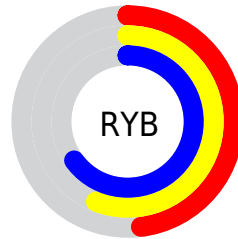
# Distribution



Red (48%)

Green (63%)

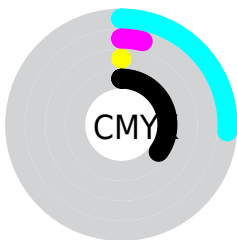
Blue (65%)



Red (48%)

Yellow (56%)

Blue (65%)

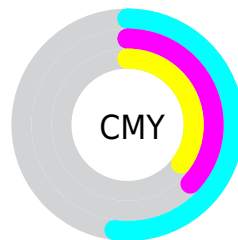


Cyan (26%)

Magenta (4%)

Yellow (0%)

Black (35%)



Cyan (52%)

Magenta (37%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BA1A7 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 7BA1A7 by changing the saturation by 10% instead.



■ 7BA1A7

■ 7BA1A7

FFFFFF

■ 61878D

■ B0D8DE

■ 496D73

■ CCF4FB

■ 30555B

■ E9FFFF

■ 183E43

■ 00282D

■ 001418

■ 000000

■ 7BA1A7

■ 7BA1A7

■ 6A9FA7

■ 8CA3A7

■ 5A9CA7

■ 9CA6A7

■ 499AA7

■ ADA8A7

■ 3898A7

■ BEAAA7

■ 2796A7

■ CFACA7

■ 1793A7

■ DFAFA7

■ 0691A7

■ F0B1A7

■ 0090A7

■ FFB3A7

■ FFB5A7

# Harmonies

## Analogous

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



7EA29B



7BA1A7



819FB0

# Triad

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



7BA1A7



AB94A6



A39A82

# Complementary

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



7BA1A7



A7817B

# 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.



AE9685



7BA1A7



B3929A

# Square

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



7BA1A7



9E97AF



B4938E



959E86

# Rectangle

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



7BA1A7



8A9CB2



B4938E



A79983



# Sweetspot

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



7BA1A7



C7D6D9



7BA781



636C6E



EDEDED



6E6E6E



# Same Dimension

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



7BA1A7



93CFD9



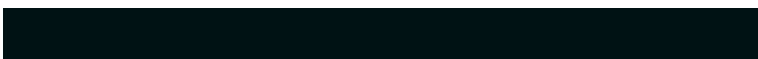
7B8BA7



4C5354



008094



001214



# Inverse Universe

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



A77BA1



D993CF



A7977B



544C53



940080



140012



# Previews

## White Background



This preview shows how the Hex color 7BA1A7 looks on a white background.

## Color Contrast Check

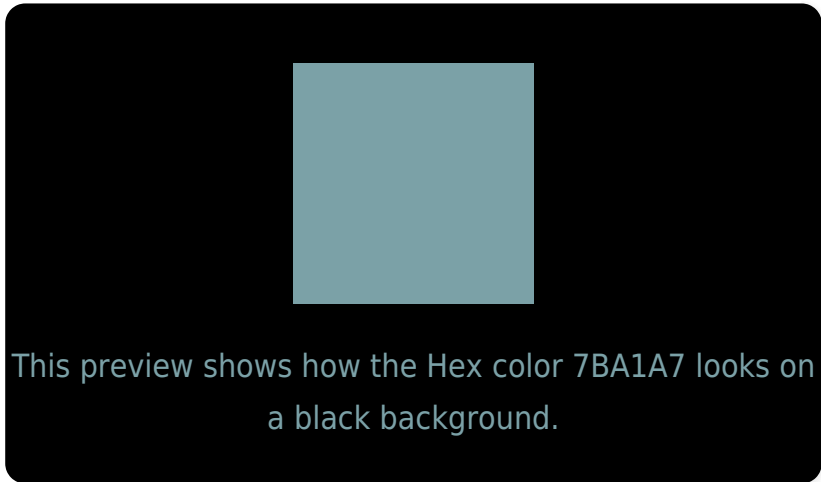
Large Text (above 18pt) WCAG AA × Fail

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

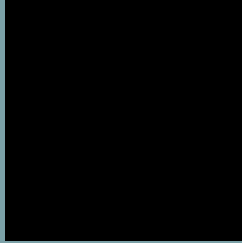
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

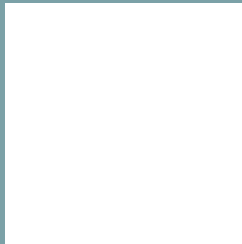
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7BA1A7 Background



This preview shows how black text looks on a background with the Hex color 7BA1A7.

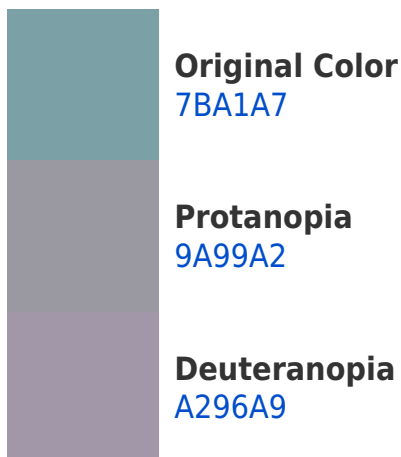


This preview shows how white text looks on a background with the Hex color 7BA1A7.

# 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](#).

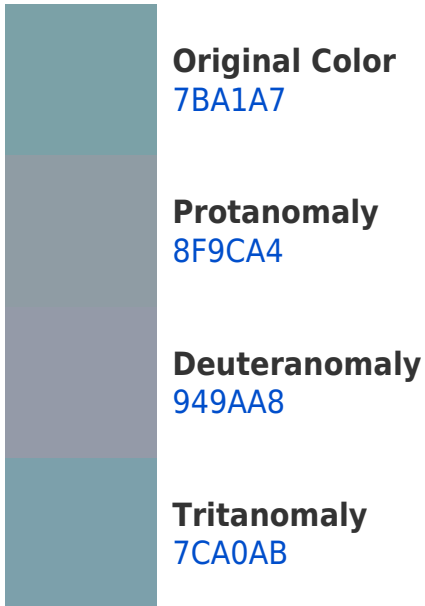
## Dichromacy



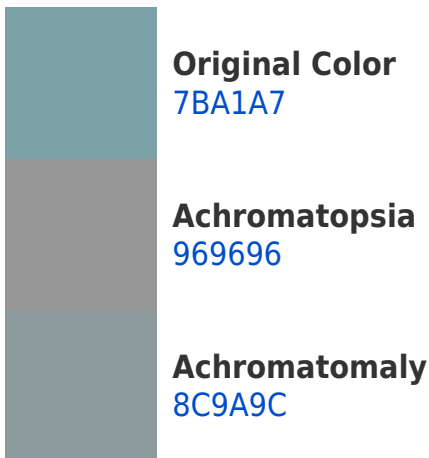


**Tritanopia**  
7CA0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BA1A7 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 #7BA1A7 looks like.

```
.text, #text, p{  
    color:#7BA1A7  
}
```

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 #7BA1A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BA1A7  
}
```

## Border

The CSS property to change the border of an element to Hex 7BA1A7 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  
#7BA1A7 }
```

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

```
.border{ border-color:#7BA1A7 }
```

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

Here you see how a box with a 4 pixel #7BA1A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BA1A7; -webkit-box-shadow:4px 4px  
4px 4px #7BA1A7; box-shadow:4px 4px 4px  
4px #7BA1A7 }
```

# Background

The CSS property to change the background color of an element to Hex 7BA1A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BA1A7 }
```

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

```
.background{ background-color:#7BA1A7 }
```

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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