

# Converting Colors

Hex(78ACA1)

Have a look what the booklet for  
Hex(78ACA1) contains.

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# **Color**

**Hex(78ACA1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78ACA1
RGB	120, 172, 161
RGB Percent	47%, 67%, 63%
CMY	0.5294, 0.3255, 0.3686
CMYK	0.30, 0.00, 0.06, 0.33
HSL	167°, 24%, 57%
HSV	167°, 30%, 67%
XYZ	28.9313, 36.0713, 39.1558
YIQ	155.1980, -27.4610, -14.4450

# Conversions

## Conversions Part 2

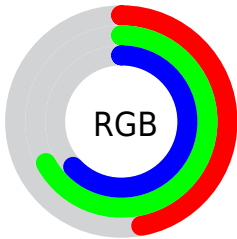
Format	Color
<a href="#">RYB</a>	<a href="#">120, 149, 172</a>
Decimal	<a href="#">7908513</a>
CIELab	<a href="#">66.57, -19.58, 0.14</a>
CIELCh	<a href="#">67, 19.584, 179.576</a>
Yxy	<a href="#">36.0713, 0.2778, 0.3463</a>
Android (android.graphics.Color)	<a href="#">4286098593</a> ( <a href="#">0xFF78ACA1</a> )
YUV	<a href="#">155.1980, 2.8604, -30.8686</a>
Hunter-Lab	<a href="#">60.0594, -19.1186, 3.3874</a>

# Details

The Hex color **78ACA1** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AC7883**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **AEE4D8**, and **45786E** is the 20% darker color. If you saturate the color by 10%, you get **67AC9D**, and if you desaturate by 10%, it is **89ACA5**.

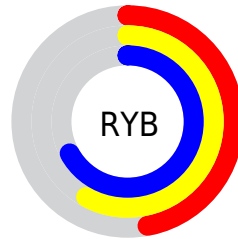
# Distribution



Red (47%)

Green (67%)

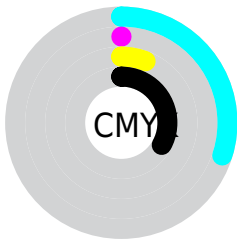
Blue (63%)



Red (47%)

Yellow (58%)

Blue (67%)

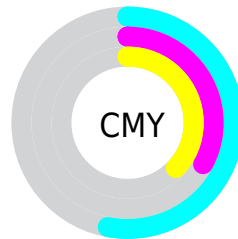


Cyan (30%)

Magenta (0%)

Yellow (6%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78ACA1 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 78ACA1 by changing the saturation by 10% instead.





78ACA1



78ACA1

FFFFFF



5E9187



AEE4D8



45786E



CAFFF4



2C5F55



E6FFFF



12473E



003028



001C14



000000



78ACA1



78ACA1



67AC9D



89ACA5

56AC9A

9AACA8

44AC96

ACACAC

33AC92

BDACB0

22AC8F

CEACB3

11AC8B

DFACB7

00AC88

F0ACBA

FFACBE

FFACC2

# Harmonies

## Analogous

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



88AA90



78ACA1



71ABB3

# Triad

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



78ACA1



A59DC0



BE9B84

# Complementary

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



78ACA1



AC7883

# 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.



C69791



78ACA1



B998B4

# Square

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



78ACA1



8DA4C5



C496A3



B0A17F

# Rectangle

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



78ACA1



75AABC



C496A3



C29988



# Sweetspot

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



78ACA1



CCE0DC



83AC78



64706E



F0F0F0



707070



# Same Dimension

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



78ACA1



90E0CF



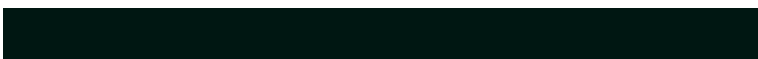
789DAC



4E5755



009677



001712



# Inverse Universe

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



AC7883



E090A1



AC8778



574E50



960020

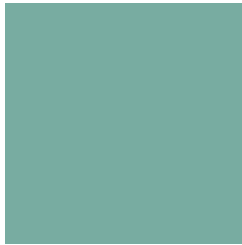


170005



# Previews

## White Background



This preview shows how the Hex color 78ACA1 looks on a white background.

## Color Contrast Check

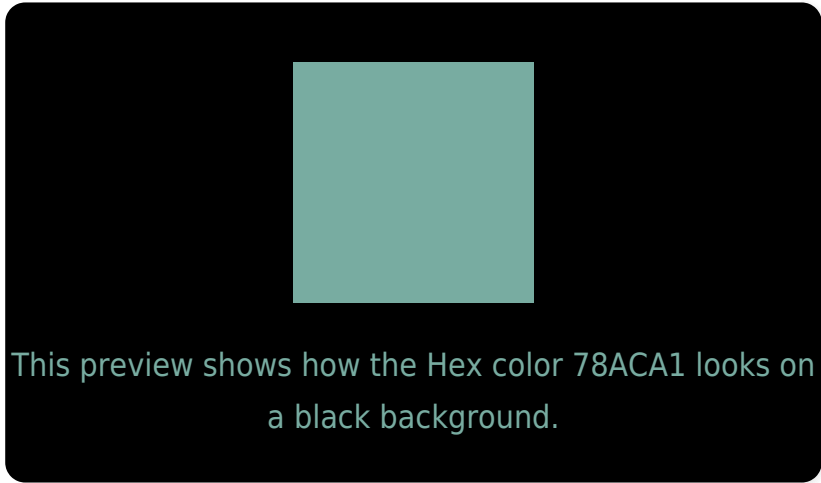
Large Text (above 18pt) WCAG AA × Fail

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

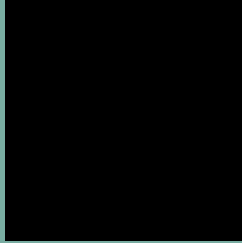
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 78ACA1 Background



This preview shows how black text looks on a background with the Hex color 78ACA1.

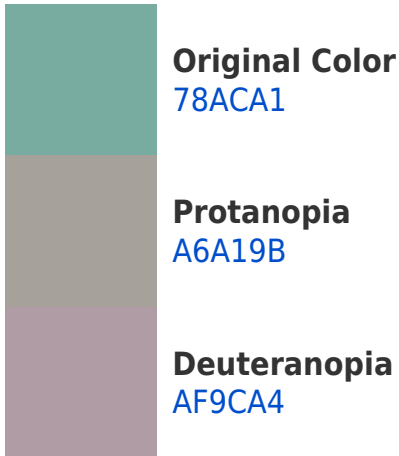


This preview shows how white text looks on a background with the Hex color 78ACA1.

# 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](#).

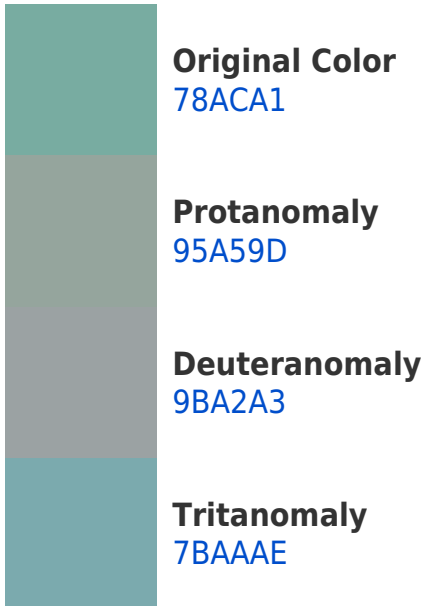
## Dichromacy



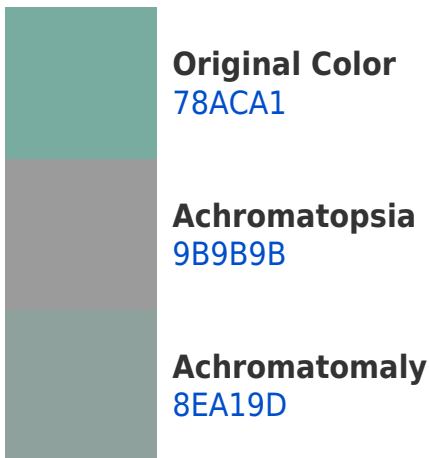


**Tritanopia**  
7DA9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78ACA1 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 #78ACA1 looks like.

```
.text, #text, p{  
    color:#78ACA1  
}
```

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 #78ACA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78ACA1  
}
```

## Border

The CSS property to change the border of an element to Hex 78ACA1 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  
#78ACA1 }
```

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

```
.border{ border-color:#78ACA1 }
```

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

Here you see how a box with a 4 pixel #78ACA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78ACA1; -webkit-box-shadow:4px 4px  
4px 4px #78ACA1; box-shadow:4px 4px 4px  
4px #78ACA1 }
```

# Background

The CSS property to change the background color of an element to Hex 78ACA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78ACA1 }
```

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

```
.background{ background-color:#78ACA1 }
```

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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