

# Converting Colors

Hex(79AC7A)

Have a look what the booklet for  
Hex(79AC7A) contains.

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# **Color**

**Hex(79AC7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79AC7A
RGB	121, 172, 122
RGB Percent	47%, 67%, 48%
CMY	0.5255, 0.3255, 0.5216
CMYK	0.30, 0.00, 0.29, 0.33
HSL	121°, 24%, 57%
HSV	121°, 30%, 67%
XYZ	26.1505, 34.9751, 23.7850
YIQ	151.0510, -14.3460, -26.3620

# Conversions

## Conversions Part 2

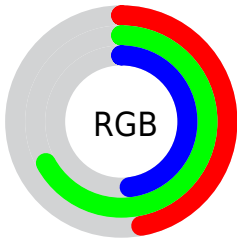
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 171, 172
Decimal	7974010
CIELab	65.73, -27.08, 20.46
CIELCh	66, 33.942, 142.927
Yxy	34.9751, 0.3080, 0.4119
Android (android.graphics.Color)	4286164090 (0xFF79AC7A)
YUV	151.0510, -14.3221, -26.3547
Hunter-Lab	59.1398, -24.5652, 17.5525

# Details

The Hex color **79AC7A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AC79AB**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **AFE4AF**, and **467749** is the 20% darker color. If you saturate the color by 10%, you get **68AC69**, and if you desaturate by 10%, it is **8AAC8B**.

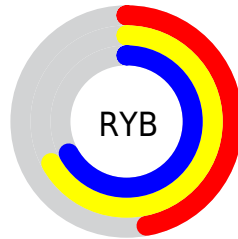
# Distribution



Red (47%)

Green (67%)

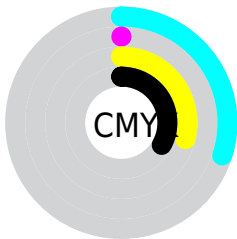
Blue (48%)



Red (47%)

Yellow (67%)

Blue (67%)

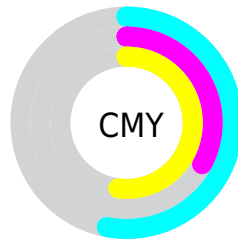


Cyan (30%)

Magenta (0%)

Yellow (29%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79AC7A 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 79AC7A by changing the saturation by 10% instead.



 79AC7A

 79AC7A

FFFFFF

 5F9161

 AFE4AF

 467749

 CAFFCA

 2E5E32

 E7FFE6

 14461C

 002F04

 001C00

 000000

 79AC7A

 79AC7A

 68AC69

 8AAC8B

 57AC58

 9BAC9C

 45AC47

 ADACAD

 34AC37

 BEACBD

 23AC26

 CFACCE

 12AC15

 E0ACDF

 01AC04

 F1ACF0

 00AC03

 FFACFF

# Harmonies

## Analogous

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



9CA567



79AC7A



53B097

# Triad

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



79AC7A



69A5DC



DB8A89

# Complementary

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



79AC7A



AC79AB

# 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.



D689A8



79AC7A



999AD8

# Square

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



79AC7A



39ACCF



BF90C5



D19170

# Rectangle

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



79AC7A



39B0AC



BF90C5



DB8893



# Sweetspot

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



79AC7A



CCE0CD



ABAC79



647064



F0F0F0



707070



# Same Dimension

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



79AC7A



90E091



79AC93



4E574E



009603



001700



# Inverse Universe

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



AC79AB



E090DF



AC7992



574E57



960094



170017



# Previews

## White Background



This preview shows how the Hex color 79AC7A looks on a white background.

## Color Contrast Check

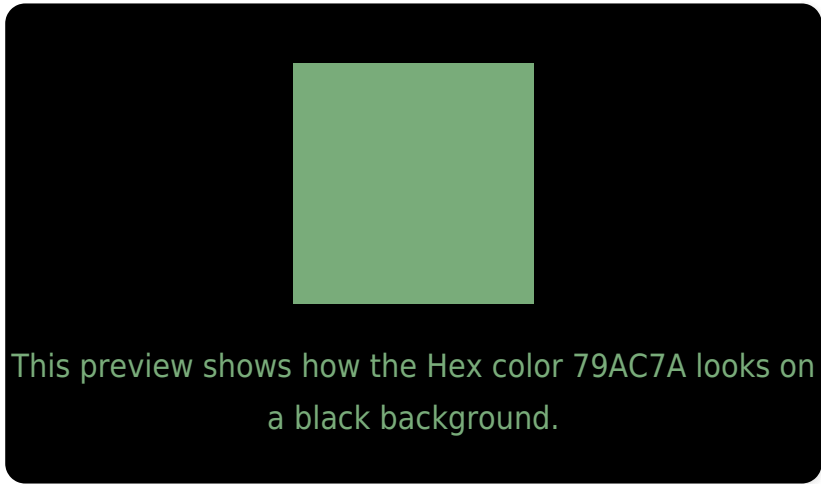
Large Text (above 18pt) WCAG AA × Fail

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

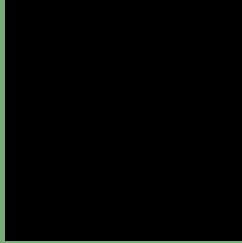
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 79AC7A Background



This preview shows how black text looks on a background with the Hex color 79AC7A.

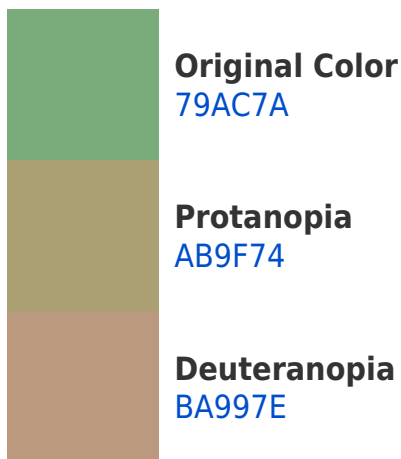


This preview shows how white text looks on a background with the Hex color 79AC7A.

# 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](#).

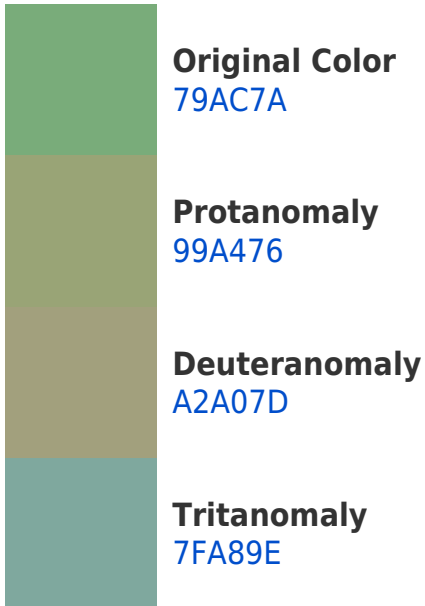
## Dichromacy





**Tritanopia**  
83A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79AC7A 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 #79AC7A looks like.

```
.text, #text, p{  
    color:#79AC7A  
}
```

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 #79AC7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79AC7A
}
```

## Border

The CSS property to change the border of an element to Hex 79AC7A 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
#79AC7A }
```

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

```
.border{ border-color:#79AC7A }
```

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

Here you see how a box with a 4 pixel #79AC7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79AC7A; -webkit-box-shadow:4px 4px  
4px 4px #79AC7A; box-shadow:4px 4px 4px  
4px #79AC7A }
```

# Background

The CSS property to change the background color of an element to Hex 79AC7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79AC7A }
```

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

```
.background{ background-color:#79AC7A }
```

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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