

# Converting Colors

Hex(7AAA95)

Have a look what the booklet for  
Hex(7AAA95) contains.

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# **Color**

**Hex(7AAA95)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AAA95
RGB	122, 170, 149
RGB Percent	48%, 67%, 58%
CMY	0.5216, 0.3333, 0.4157
CMYK	0.28, 0.00, 0.12, 0.33
HSL	154°, 22%, 57%
HSV	154°, 28%, 67%
XYZ	27.8256, 35.0570, 33.7339
YIQ	153.2540, -21.8670, -16.7070

# Conversions

## Conversions Part 2

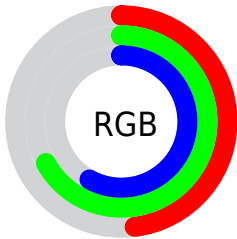
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 153, 170
Decimal	8039061
CIELab	65.79, -20.56, 5.69
CIELCh	66, 21.329, 164.525
Yxy	35.0570, 0.2880, 0.3628
Android (android.graphics.Color)	4286229141 (0xFF7AAA95)
YUV	153.2540, -2.0972, -27.4098
Hunter-Lab	59.2089, -19.7285, 7.6662

# Details

The Hex color **7AAA95** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AA7A8F**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **AFE1CB**, and **487662** is the 20% darker color. If you saturate the color by 10%, you get **69AA8E**, and if you desaturate by 10%, it is **8BAA9C**.

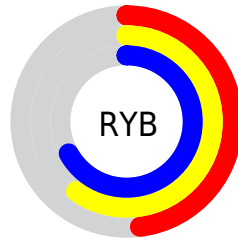
# Distribution



Red (48%)

Green (67%)

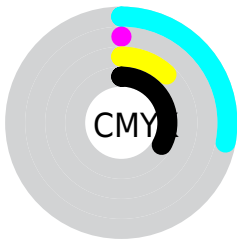
Blue (58%)



Red (48%)

Yellow (60%)

Blue (67%)

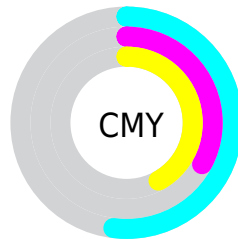


Cyan (28%)

Magenta (0%)

Yellow (12%)

Black (33%)



Cyan (52%)

Magenta (33%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AAA95 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 7AAA95 by changing the saturation by 10% instead.





7AAA95



7AAA95

FFFFFF



608F7B



AFE1CB



487662



CBFEE7



2F5D4B



E8FFFF



174534



002E1F



001B06



000000



7AAA95



7AAA95



69AA8E



8BAA9C

■ 58AA86

■ 9CAAA4

■ 47AA7F

■ ADAAAB

■ 36AA77

■ BEAAB3

■ 25AA70

■ CFAABA

■ 14AA68

■ E0AAC2

■ 03AA61

■ F1AAC9

■ 00AA60

■ FFAAD0

■ FFAAD8

# Harmonies

## Analogous

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



8FA784



7AAA95



6CABA9

# Triad

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



7AAA95



969EC5



C49586

# Complementary

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



7AAA95



AA7A8F

# 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.



C79297



7AAA95



AE98BB

# Square

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



7AAA95



7CA5C4



C093AB



B79B7B

# Rectangle

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



7AAA95



6AAAB5



C093AB



C6948B



# Sweetspot

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



7AAA95



CCDED6



90AA7A



65706B



F0F0F0



707070



# Same Dimension

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



7AAA95



92DEBD



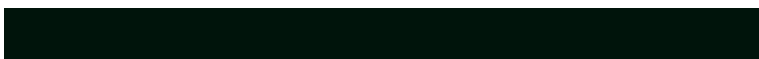
7AA8AA



4C5450



009453



00140B



# Inverse Universe

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



AA7A8F



DE92B3



AA7C7A



544C4F



940041



140009



# Previews

## White Background



This preview shows how the Hex color 7AAA95 looks on a white background.

## Color Contrast Check

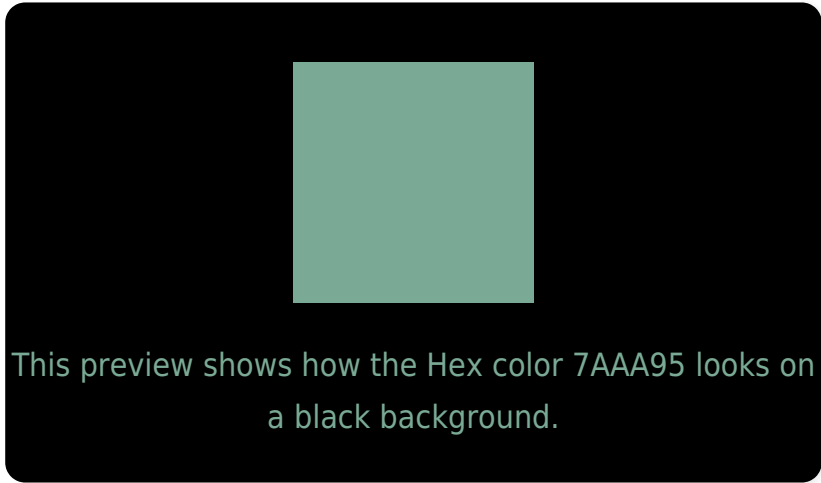
Large Text (above 18pt) WCAG AA × Fail

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

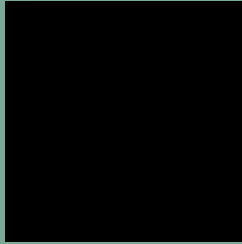
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7AAA95 Background



This preview shows how black text looks on a background with the Hex color 7AAA95.

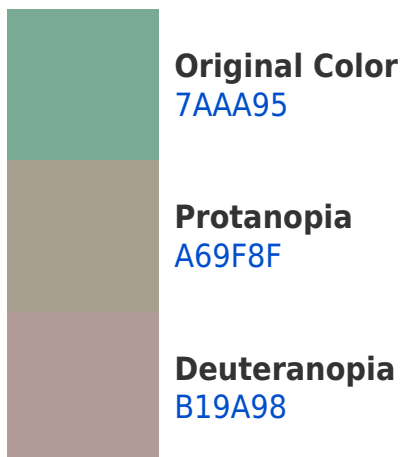


This preview shows how white text looks on a background with the Hex color 7AAA95.

# 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](#).

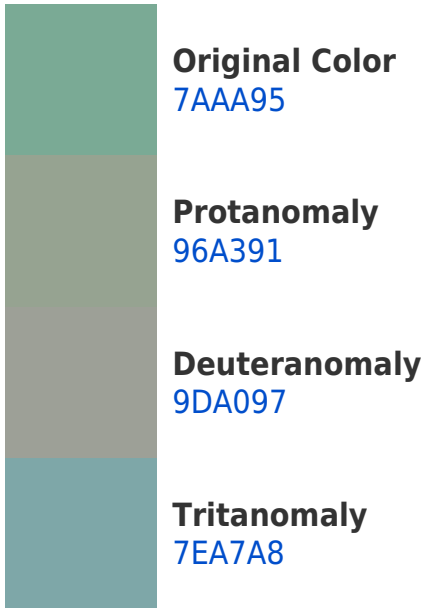
## Dichromacy



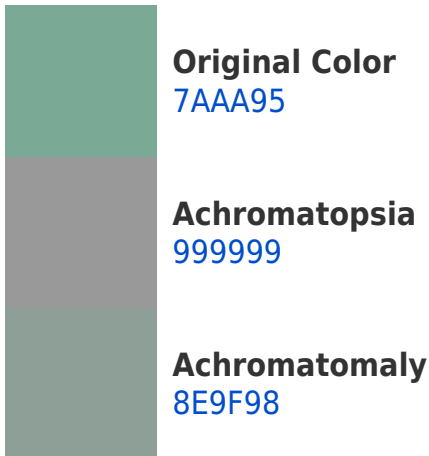


**Tritanopia**  
80A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AAA95 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 #7AAA95 looks like.

```
.text, #text, p{  
    color:#7AAA95  
}
```

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 #7AAA95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AAA95
}
```

## Border

The CSS property to change the border of an element to Hex 7AAA95 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
#7AAA95 }
```

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

```
.border{ border-color:#7AAA95 }
```

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

Here you see how a box with a 4 pixel #7AAA95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AAA95; -webkit-box-shadow:4px 4px  
4px 4px #7AAA95; box-shadow:4px 4px 4px  
4px #7AAA95 }
```

# Background

The CSS property to change the background color of an element to Hex 7AAA95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AAA95 }
```

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

```
.background{ background-color:#7AAA95 }
```

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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