

# Converting Colors

Hex(7AA17A)

Have a look what the booklet for  
Hex(7AA17A) contains.

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# **Color**

**Hex(7AA17A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AA17A
RGB	122, 161, 122
RGB Percent	48%, 63%, 48%
CMY	0.5216, 0.3686, 0.5216
CMYK	0.24, 0.00, 0.24, 0.37
HSL	120°, 17%, 55%
HSV	120°, 24%, 63%
XYZ	24.2838, 31.0325, 23.1223
YIQ	144.8930, -10.7250, -20.3970

# Conversions

## Conversions Part 2

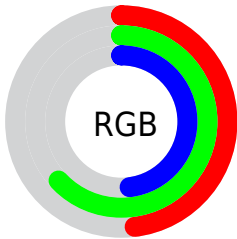
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">122, 161, 161</a>
Decimal	<a href="#">8036730</a>
CIELab	<a href="#">62.54, -21.24, 16.08</a>
CIELCh	<a href="#">63, 26.645, 142.870</a>
Yxy	<a href="#">31.0325, 0.3096, 0.3956</a>
Android (android.graphics.Color)	<a href="#">4286226810 (0xFF7AA17A)</a>
YUV	<a href="#">144.8930, -11.2862, -20.0772</a>
Hunter-Lab	<a href="#">55.7068, -19.6750, 14.3851</a>

# Details

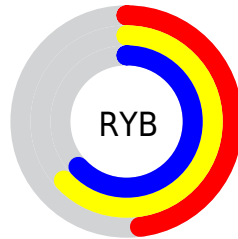
The Hex color **7AA17A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A17AA1**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **AFD8AF**, and **486D49** is the 20% darker color. If you saturate the color by 10%, you get **6AA16A**, and if you desaturate by 10%, it is **8AA18A**.

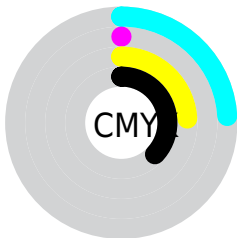
# Distribution



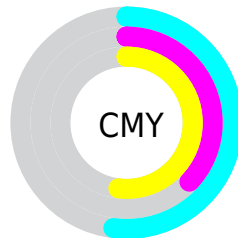
- Red (48%)
- Green (63%)
- Blue (48%)



- Red (48%)
- Yellow (63%)
- Blue (63%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (37%)



- Cyan (52%)
- Magenta (37%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AA17A 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 7AA17A by changing the saturation by 10% instead.





7AA17A



7AA17A

FFFFFF



618761



AFD8AF



486D49



CBF4CA



305532



E7FFE6



193D1D



042705



001000



000000



7AA17A



7AA17A



6AA16A



8AA18A

 5AA15A

 9AA19A

 4AA14A

 AAA1AA

 3AA13A

 BAA1BA

 2AA12A

 CBA1CB

 19A119

 DBA1DB

 09A109

 EBA1EB

 00A100

 FBA1FB

 FFA1FF

# Harmonies

## Analogous

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



959B6B



7AA17A



5FA491

# Triad

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



7AA17A



709BC6



C78786

# Complementary

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



7AA17A



A17AA1

# 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.



C2869E



7AA17A



9393C3

# Square

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



7AA17A



54A1BC



B08BB4



BF8C72

# Rectangle

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



7AA17A



52A4A1



B08BB4



C7868E



# Sweetspot

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



7AA17A



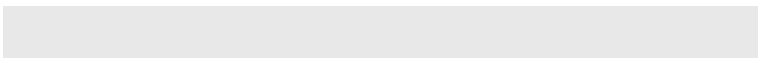
C2D1C2



A1A17A



606960



E8E8E8



696969



# Same Dimension

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



7AA17A



94D194



7AA18E



495249



009100



001200



# Inverse Universe

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



A17AA1



D194D1



A17A8E



524952



910091



120012



# Previews

## White Background



This preview shows how the Hex color 7AA17A looks on a white background.

## Color Contrast Check

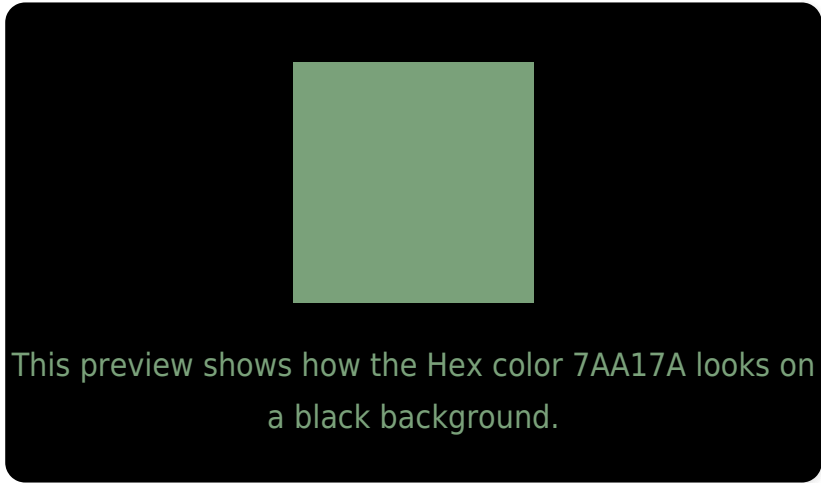
Large Text (above 18pt) WCAG AA × Fail

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

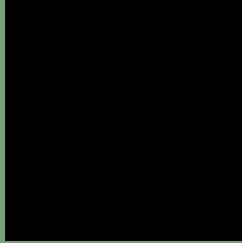
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7AA17A Background



This preview shows how black text looks on a background with the Hex color 7AA17A.

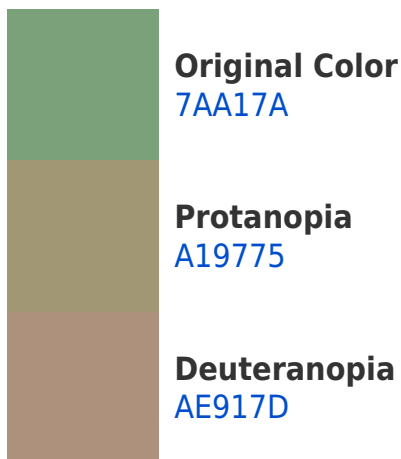


This preview shows how white text looks on a background with the Hex color 7AA17A.

# 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](#).

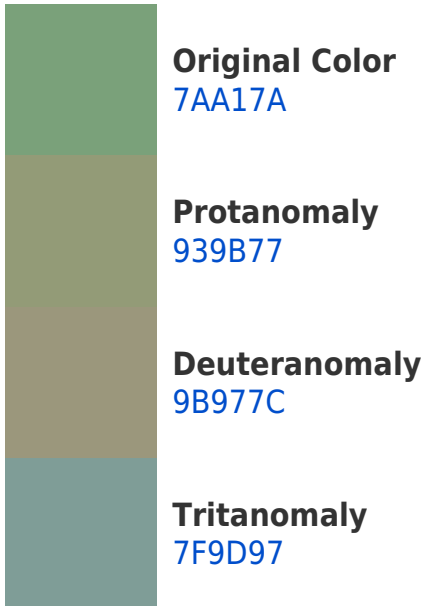
## Dichromacy



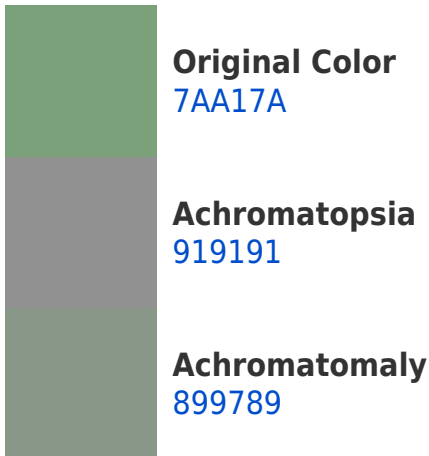


**Tritanopia**  
829BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AA17A 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 #7AA17A looks like.

```
.text, #text, p{  
    color:#7AA17A  
}
```

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 #7AA17A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AA17A
}
```

## Border

The CSS property to change the border of an element to Hex 7AA17A 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
#7AA17A }
```

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

```
.border{ border-color:#7AA17A }
```

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

Here you see how a box with a 4 pixel #7AA17A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AA17A; -webkit-box-shadow:4px 4px  
4px 4px #7AA17A; box-shadow:4px 4px 4px  
4px #7AA17A }
```

# Background

The CSS property to change the background color of an element to Hex 7AA17A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AA17A }
```

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

```
.background{ background-color:#7AA17A }
```

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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