

Converting Colors

Hex(7AA87A)

Have a look what the booklet for
Hex(7AA87A) contains.

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Color

Hex(7AA87A)

Conversions

Conversions Part 1

Format	Color
Hex	7AA87A
RGB	122, 168, 122
RGB Percent	48%, 66%, 48%
CMY	0.5216, 0.3412, 0.5216
CMYK	0.27, 0.00, 0.27, 0.34
HSL	120°, 21%, 57%
HSV	120°, 27%, 66%
XYZ	25.5415, 33.5480, 23.5416
YIQ	149.0020, -12.6500, -24.0580

Conversions

Conversions Part 2

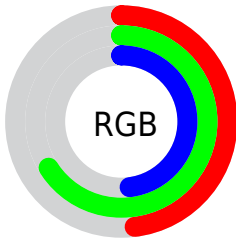
Format	Color
RYB	122, 168, 168
Decimal	8038522
CIELab	64.60, -24.77, 18.93
CIElCh	65, 31.173, 142.608
Yxy	33.5480, 0.3091, 0.4060
Android (android.graphics.Color)	4286228602 (0xFF7AA87A)
YUV	149.0020, -13.3120, -23.6808
Hunter-Lab	57.9206, -22.6471, 16.4463

Details

The Hex color **7AA87A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A87AA8**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **AFDFAF**, and **487449** is the 20% darker color. If you saturate the color by 10%, you get **69A869**, and if you desaturate by 10%, it is **8BA88B**.

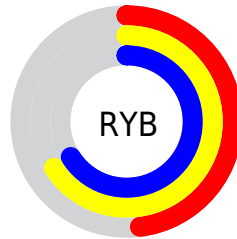
Distribution



Red (48%)

Green (66%)

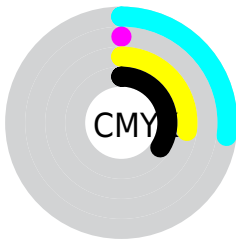
Blue (48%)



Red (48%)

Yellow (66%)

Blue (66%)

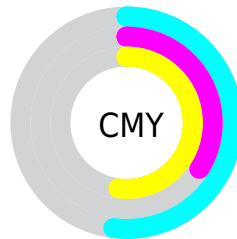


Cyan (27%)

Magenta (0%)

Yellow (27%)

Black (34%)



Cyan (52%)

Magenta (34%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AA87A 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 7AA87A by changing the saturation by 10% instead.



7AA87A



7AA87A

FFFFFF



608D61



AFDFAF



487449



CBFCCA



2F5B32



E8FFE6



17431C



002C05



001900



000000



7AA87A



7AA87A



69A869



8BA88B

 58A858

 9CA89C

 48A848

 ACA8AC

 37A837

 BDA8BD

 26A826

 CEA8CE

 15A815

 DFA8DF

 04A804

 FOA8F0

 00A800

 FFA8FF

Harmonies

Analogous

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



9AA169



7AA87A



59AB95

Triad

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



7AA87A



6CA1D3



D48989

Complementary

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



7AA87A



A87AA8

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.



CE88A5



7AA87A



9798D0

Square

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



7AA87A



45A8C8



B98EBF



CB8F71

Rectangle

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



7AA87A



45ACA8



B98EBF



D48892

Sweetspot

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



7AA87A



CADBCA



A8A87A



636E63



EDEDED



6E6E6E

Same Dimension

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



7AA87A



93DB93



7AA891



4C544C



009400



001400

Inverse Universe

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



A87AA8



DB93DB



A87A91



544C54



940094



140014

Previews

White Background



This preview shows how the Hex color 7AA87A looks on a white background.

Color Contrast Check

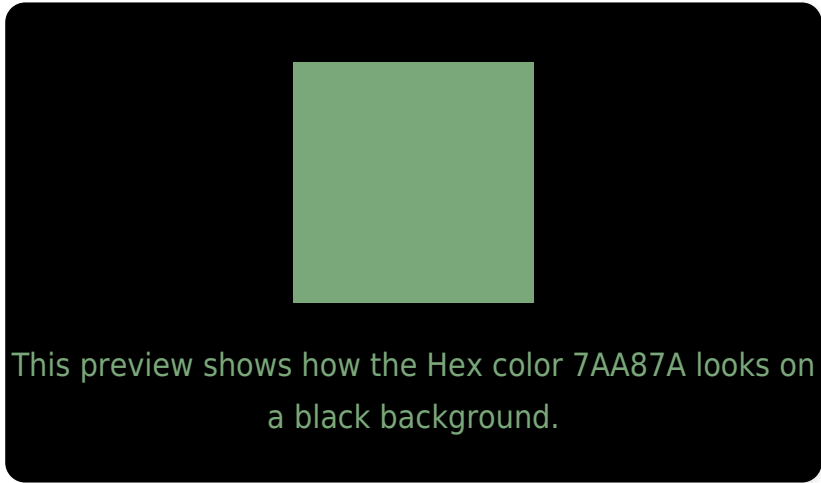
Large Text (above 18pt) WCAG AA × Fail

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

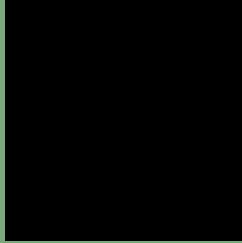
Any Text WCAG AA ✓ Pass

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 7AA87A Background



This preview shows how black text looks on a background with the Hex color 7AA87A.

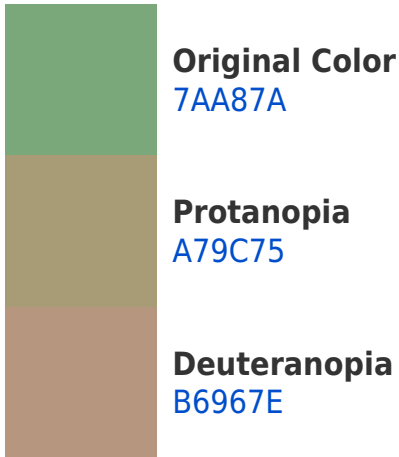


This preview shows how white text looks on a background with the Hex color 7AA87A.

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](#).

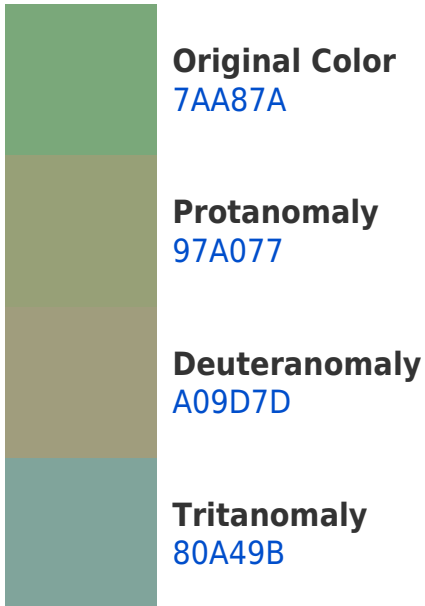
Dichromacy



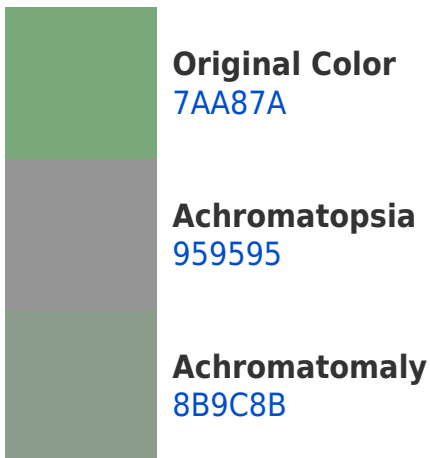


Tritanopia
83A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AA87A 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 #7AA87A looks like.

```
.text, #text, p{  
    color:#7AA87A  
}
```

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 #7AA87A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AA87A
}
```

Border

The CSS property to change the border of an element to Hex 7AA87A 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
#7AA87A }
```

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

```
.border{ border-color:#7AA87A }
```

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

Here you see how a box with a 4 pixel #7AA87A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AA87A; -webkit-box-shadow:4px 4px  
4px 4px #7AA87A; box-shadow:4px 4px 4px  
4px #7AA87A }
```

Background

The CSS property to change the background color of an element to Hex 7AA87A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AA87A }
```

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

```
.background{ background-color:#7AA87A }
```

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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