

Converting Colors

Hex(87AAA4)

Have a look what the booklet for
Hex(87AAA4) contains.

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Color

Hex(87AAA4)

Conversions

Conversions Part 1

Format	Color
Hex	87AAA4
RGB	135, 170, 164
RGB Percent	53%, 67%, 64%
CMY	0.4706, 0.3333, 0.3569
CMYK	0.21, 0.00, 0.04, 0.33
HSL	170°, 17%, 60%
HSV	170°, 21%, 67%
XYZ	31.0672, 36.5807, 40.5453
YIQ	158.8510, -18.9340, -9.2860

Conversions

Conversions Part 2

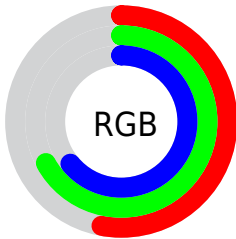
Format	Color
RYB	135, 154, 170
Decimal	8891044
CIELab	66.96, -13.17, -0.85
CIELCh	67, 13.197, 183.697
Yxy	36.5807, 0.2871, 0.3381
Android (android.graphics.Color)	4287081124 (0xFF87AAA4)
YUV	158.8510, 2.5385, -20.9173
Hunter-Lab	60.4820, -14.1549, 2.5911

Details

The Hex color **87AAA4** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AA878D**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BDE1DB**, and **547670** is the 20% darker color. If you saturate the color by 10%, you get **76AAA1**, and if you desaturate by 10%, it is **98AAA7**.

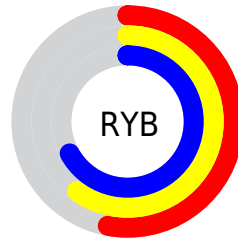
Distribution



Red (53%)

Green (67%)

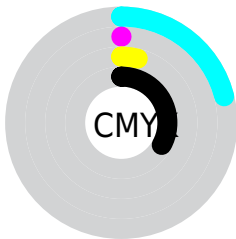
Blue (64%)



Red (53%)

Yellow (60%)

Blue (67%)

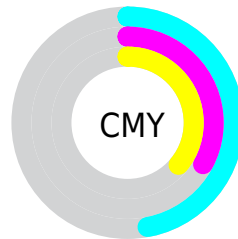


Cyan (21%)

Magenta (0%)

Yellow (4%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87AAA4 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 87AAA4 by changing the saturation by 10% instead.



87AAA4



87AAA4

FFFFFF



6D8F8A



BDE1DB



547670



D9FEF7



3C5D58



F5FFFF



254541



0E2F2B



001B16



000000



87AAA4



87AAA4



76AAA1



98AAA7

65AA9E

A9AAAA

54AA9B

BAAAAD

43AA98

CBAAB0

32AA95

DCAAB3

21AA93

EDAAB5

10AA90

FEAAB8

00AA8D

FFAABB

FFAABE

Harmonies

Analogous

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



90A998



87AAA4



85A9B0

Triad

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



87AAA4



A79FB7



B69F8E

Complementary

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



87AAA4



AA878D

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.



BC9C96



87AAA4



B49CAE

Square

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



87AAA4



98A3BA



BB9BA2



ABA38B

Rectangle

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



87AAA4



88A8B6



BB9BA2



B99E90

Sweetspot

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



87AAA4



D1DEDC



8DAA87



68706F



F0F0F0



707070

Same Dimension

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



87AAA4



A6DED4



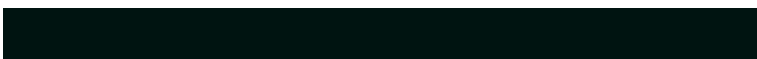
879FAA



4C5453



00947B



001411

Inverse Universe

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



AA878D



DEA6B0



AA9287



544C4D



940019



140003

Previews

White Background



This preview shows how the Hex color 87AAA4 looks on a white background.

Color Contrast Check

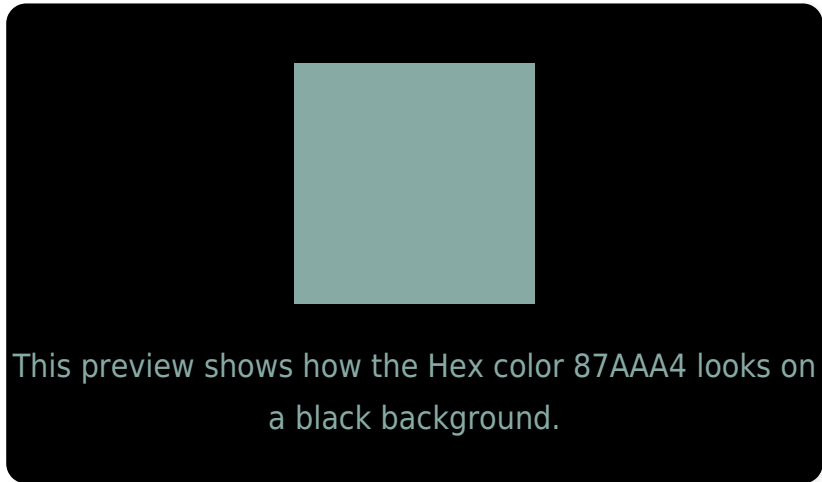
Large Text (above 18pt) WCAG AA × Fail

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

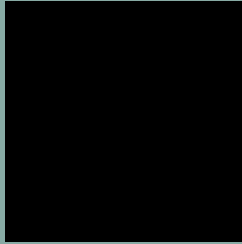
Any Text WCAG AA ✓ Pass

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 87AAA4 Background



This preview shows how black text looks on a background with the Hex color 87AAA4.

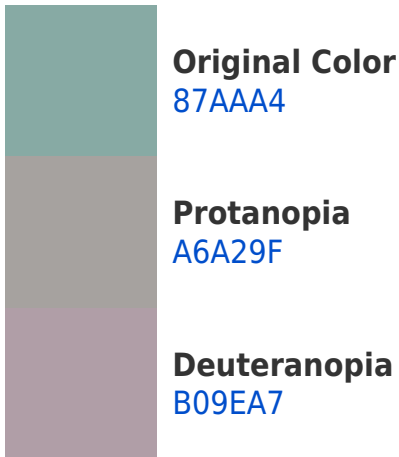


This preview shows how white text looks on a background with the Hex color 87AAA4.

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](#).

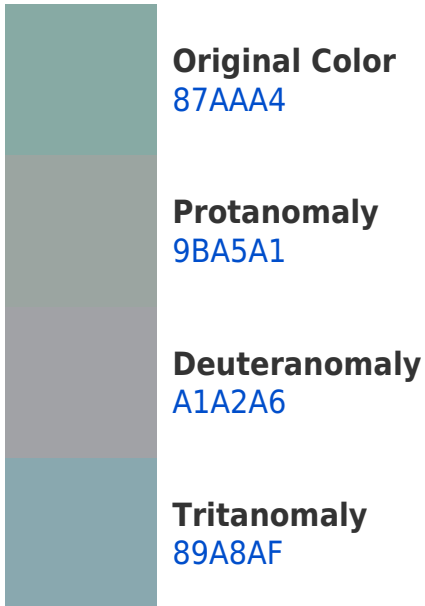
Dichromacy



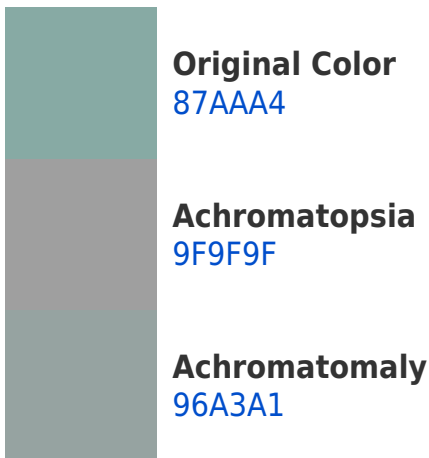


Tritanopia
8AA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87AAA4 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 #87AAA4 looks like.

```
.text, #text, p{  
    color:#87AAA4  
}
```

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 #87AAA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87AAA4  
}
```

Border

The CSS property to change the border of an element to Hex 87AAA4 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  
#87AAA4 }
```

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

```
.border{ border-color:#87AAA4 }
```

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

Here you see how a box with a 4 pixel #87AAA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87AAA4; -webkit-box-shadow:4px 4px  
4px 4px #87AAA4; box-shadow:4px 4px 4px  
4px #87AAA4 }
```

Background

The CSS property to change the background color of an element to Hex 87AAA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87AAA4 }
```

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

```
.background{ background-color:#87AAA4 }
```

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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