

Converting Colors

Hex(87AA8B)

Have a look what the booklet for
Hex(87AA8B) contains.

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Color

Hex(87AA8B)

Conversions

Conversions Part 1

Format	Color
Hex	87AA8B
RGB	135, 170, 139
RGB Percent	53%, 67%, 55%
CMY	0.4706, 0.3333, 0.4549
CMYK	0.21, 0.00, 0.18, 0.33
HSL	127°, 17%, 60%
HSV	127°, 21%, 67%
XYZ	29.0266, 35.7644, 29.7995
YIQ	156.0010, -10.9090, -17.0610

Conversions

Conversions Part 2

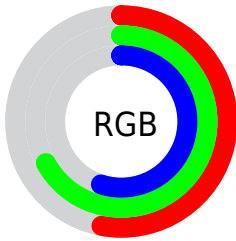
Format	Color
RYB	135, 166, 170
Decimal	8891019
CIELab	66.34, -18.20, 12.11
CIElCh	66, 21.864, 146.356
Yxy	35.7644, 0.3069, 0.3781
Android (android.graphics.Color)	4287081099 (0xFF87AA8B)
YUV	156.0010, -8.3815, -18.4179
Hunter-Lab	59.8034, -18.0178, 12.3187

Details

The Hex color **87AA8B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA87A6**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **BDE1C1**, and **557659** is the 20% darker color. If you saturate the color by 10%, you get **76AA7C**, and if you desaturate by 10%, it is **98AA9A**.

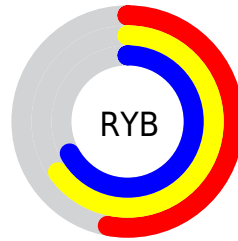
Distribution



Red (53%)

Green (67%)

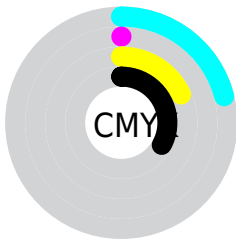
Blue (55%)



Red (53%)

Yellow (65%)

Blue (67%)

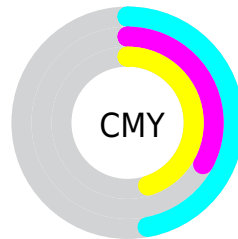


Cyan (21%)

Magenta (0%)

Yellow (18%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87AA8B 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 87AA8B by changing the saturation by 10% instead.



87AA8B



87AA8B

FFFFFF



6D8F71



BDE1C1



557659



D9FEDC



3D5D41



F5FFF9



26452B



0F2F17



001B00



000000



87AA8B



87AA8B



76AA7C



98AA9A

 65AA6D

 A9AAA9

 54AA5E

 BAAAB8

 43AA4F

 CBAAC7

 32AA40

 DCAAD6

 21AA31

 EDAAE5

 10AA22

 FEAAF4

 00AA13

 FFAAFF

Harmonies

Analogous

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



9DA57E



87AA8B



73AC9E

Triad

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



87AA8B



87A4C8



CA9491

Complementary

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



87AA8B



AA87A6

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.



C693A4



87AA8B



A19DC4

Square

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



87AA8B



71A9C1



B897B7



C29981

Rectangle

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



87AA8B



6BACAC



B897B7



CA9397

Sweetspot

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



87AA8B



D1DED2



A6AA87



687069



F0F0F0



707070

Same Dimension

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



87AA8B



A6DEAD



87AA9C



4C544D



009411



001402

Inverse Universe

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



AA87A6



DEA6D8



AA8795



544C53



940083



140012

Previews

White Background



This preview shows how the Hex color 87AA8B 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



This preview shows how the Hex color 87AA8B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

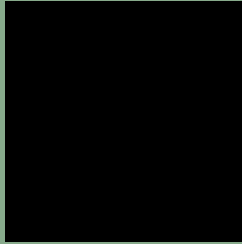
Any Text WCAG AA ✓ Pass

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 87AA8B Background



This preview shows how black text looks on a background with the Hex color 87AA8B.

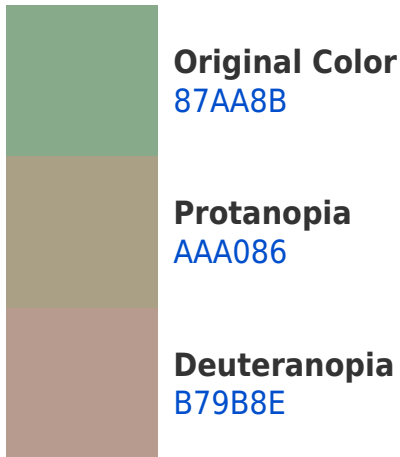


This preview shows how white text looks on a background with the Hex color 87AA8B.

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](#).

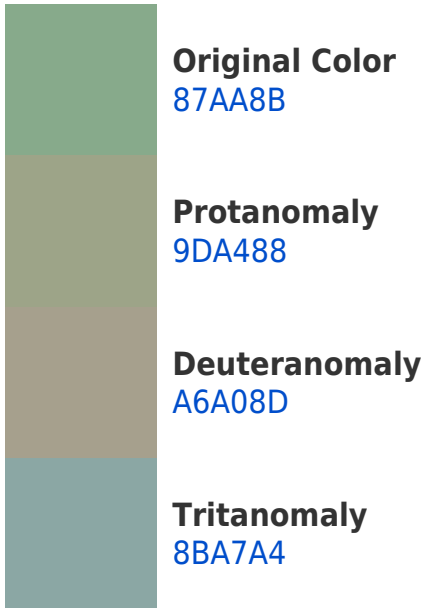
Dichromacy



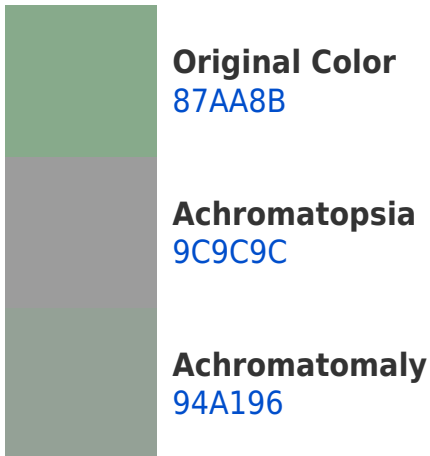


Tritanopia
8EA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87AA8B 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 #87AA8B looks like.

```
.text, #text, p{  
    color:#87AA8B  
}
```

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 #87AA8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87AA8B
}
```

Border

The CSS property to change the border of an element to Hex 87AA8B 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
#87AA8B }
```

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

```
.border{ border-color:#87AA8B }
```

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

Here you see how a box with a 4 pixel #87AA8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87AA8B; -webkit-box-shadow:4px 4px  
4px 4px #87AA8B; box-shadow:4px 4px 4px  
4px #87AA8B }
```

Background

The CSS property to change the background color of an element to Hex 87AA8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87AA8B }
```

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

```
.background{ background-color:#87AA8B }
```

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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