

Converting Colors

Hex(89AA97)

Have a look what the booklet for
Hex(89AA97) contains.

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Color

Hex(89AA97)

Conversions

Conversions Part 1

Format	Color
Hex	89AA97
RGB	137, 170, 151
RGB Percent	54%, 67%, 59%
CMY	0.4627, 0.3333, 0.4078
CMYK	0.19, 0.00, 0.11, 0.33
HSL	145°, 16%, 60%
HSV	145°, 19%, 67%
XYZ	30.2772, 36.3022, 34.6894
YIQ	157.9670, -13.5690, -12.9050

Conversions

Conversions Part 2

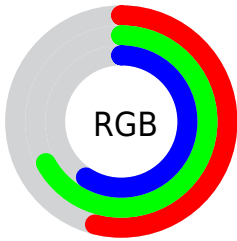
Format	Color
RYB	137, 160, 170
Decimal	9022103
CIELab	66.75, -15.20, 6.08
CIELCh	67, 16.373, 158.219
Yxy	36.3022, 0.2990, 0.3585
Android (android.graphics.Color)	4287212183 (0xFF89AA97)
YUV	157.9670, -3.4347, -18.3881
Hunter-Lab	60.2513, -15.7409, 8.0400

Details

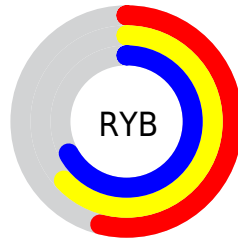
The Hex color **89AA97** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AA899C**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BFE1CD**, and **577664** is the 20% darker color. If you saturate the color by 10%, you get **78AA8D**, and if you desaturate by 10%, it is **9AAAA1**.

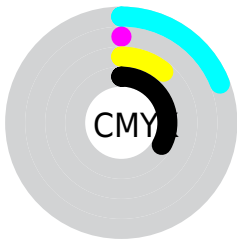
Distribution



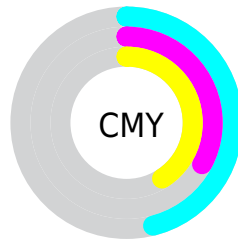
- Red (54%)
- Green (67%)
- Blue (59%)



- Red (54%)
- Yellow (63%)
- Blue (67%)



- Cyan (19%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)



- Cyan (46%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89AA97 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 89AA97 by changing the saturation by 10% instead.



89AA97



89AA97

FFFFFF



6F8F7D



BFE1CD



577664



DBFEE9



3F5D4C



F7FFFF



284536



122F20



001B09



000000



89AA97



89AA97



78AA8D



9AAAA1

67AA83

ABAAAB

56AA7A

BCAAB4

45AA70

CDAABE

34AA66

DEAAC8

23AA5C

EFAAD2

12AA52

FFAADC

01AA49

FFAAE5

00AA48

FFAAEF

Harmonies

Analogous

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



99A78B



89AA97



7EABA6

Triad

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



89AA97



97A2BF



C09A91

Complementary

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



89AA97



AA899C

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.



C1989F



89AA97



AA9DBA

Square

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



89AA97



86A7BD



B999AE



B89E87

Rectangle

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



89AA97



7BABB0



B999AE



C19995

Sweetspot

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



89AA97



D1DED6



9CAA89



68706C



F0F0F0



707070

Same Dimension

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



89AA97



ABDEC0



89AAA7



4C544F



00943F



001409

Inverse Universe

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



AA899C



DEABC8



AA898C



544C51



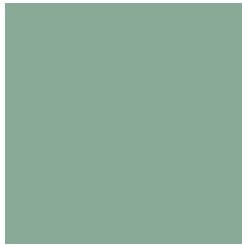
940055



14000C

Previews

White Background



This preview shows how the Hex color 89AA97 looks on a white background.

Color Contrast Check

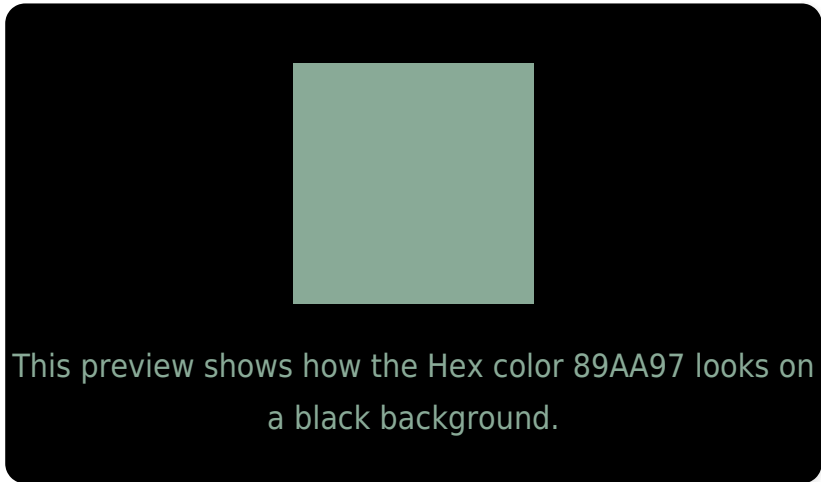
Large Text (above 18pt) WCAG AA × Fail

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

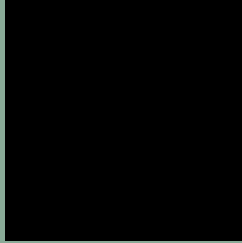
Any Text WCAG AA ✓ Pass

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 89AA97 Background



This preview shows how black text looks on a background with the Hex color 89AA97.



This preview shows how white text looks on a background with the Hex color 89AA97.

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](#).

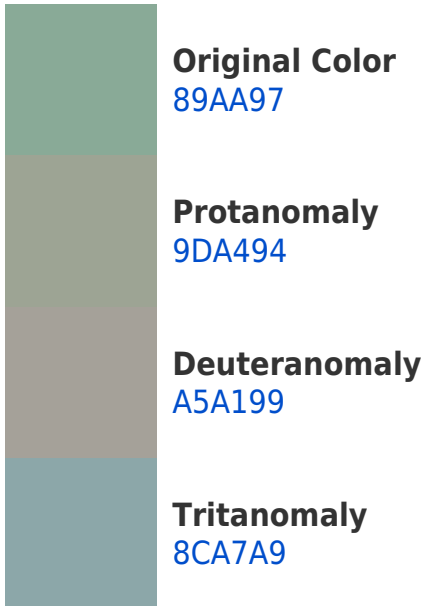
Dichromacy



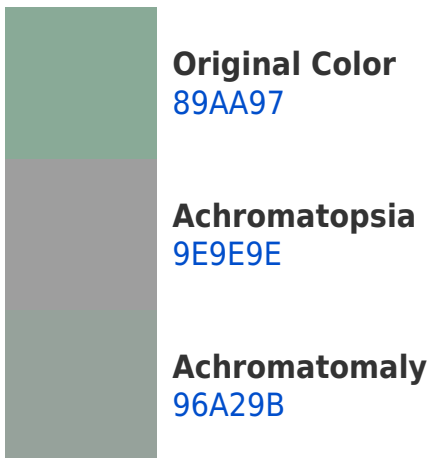


Tritanopia
8EA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89AA97 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 #89AA97 looks like.

```
.text, #text, p{  
    color:#89AA97  
}
```

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 #89AA97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89AA97
}
```

Border

The CSS property to change the border of an element to Hex 89AA97 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
#89AA97 }
```

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

```
.border{ border-color:#89AA97 }
```

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

Here you see how a box with a 4 pixel #89AA97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89AA97; -webkit-box-shadow:4px 4px  
4px 4px #89AA97; box-shadow:4px 4px 4px  
4px #89AA97 }
```

Background

The CSS property to change the background color of an element to Hex 89AA97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89AA97 }
```

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

```
.background{ background-color:#89AA97 }
```

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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