

Converting Colors

Hex(89AC9D)

Have a look what the booklet for
Hex(89AC9D) contains.

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Color

Hex(89AC9D)

Conversions

Conversions Part 1

Format	Color
Hex	89AC9D
RGB	137, 172, 157
RGB Percent	54%, 67%, 62%
CMY	0.4627, 0.3255, 0.3843
CMYK	0.20, 0.00, 0.09, 0.33
HSL	154°, 17%, 61%
HSV	154°, 20%, 67%
XYZ	31.1549, 37.2577, 37.4477
YIQ	159.8250, -16.0450, -12.0850

Conversions

Conversions Part 2

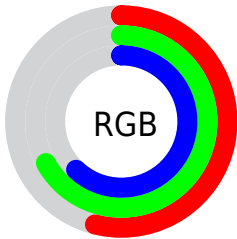
Format	Color
RYB	137, 159, 172
Decimal	9022621
CIELab	67.47, -15.04, 3.79
CIElCh	67, 15.508, 165.863
Yxy	37.2577, 0.2943, 0.3520
Android (android.graphics.Color)	4287212701 (0xFF89AC9D)
YUV	159.8250, -1.3927, -20.0175
Hunter-Lab	61.0391, -15.7106, 6.3528

Details

The Hex color **89AC9D** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AC8998**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BFE3D4**, and **56786A** is the 20% darker color. If you saturate the color by 10%, you get **78AC96**, and if you desaturate by 10%, it is **9AAC94**.

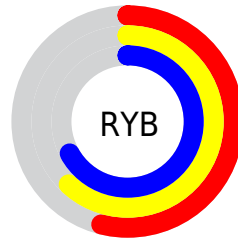
Distribution



Red (54%)

Green (67%)

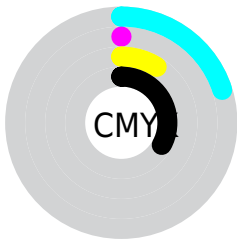
Blue (62%)



Red (54%)

Yellow (62%)

Blue (67%)

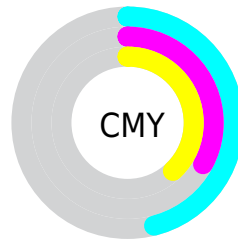


Cyan (20%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (46%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89AC9D 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 89AC9D by changing the saturation by 10% instead.

 89AC9D

 89AC9D

FFFFFF

 6F9183

 BFE3D4


 56786A

 DBFFF0

 3F5F52

 F7FFFF

 28473B

 113025

 001C10

 000000

 89AC9D

 89AC9D

 78AC96

 9AACA4

67AC8E

ABACAC

55AC87

BDACB3

44AC80

CEACBA

33AC78

DFACC2

22AC71

F0ACC9

11AC69

FFACD1

00AC62

FFACD8

FFACDF

Harmonies

Analogous

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



97AA91



89AC9D



80ACAB

Triad

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



89AC9D



9EA3BF



BF9D91

Complementary

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



89AC9D



AC8998

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.



C29B9D



89AC9D



B09EB8

Square

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



89AC9D



8DA8BF



BD9BAB



B6A18A

Rectangle

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



89AC9D



80ACB4



BD9BAB



C19C95

Sweetspot

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



89AC9D



D3E0DB



98AC89



68706D



F0F0F0



707070

Same Dimension

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



89AC9D



ABE0C9



89AAAC



4E5753



009656



00170D

Inverse Universe

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



AC8998



E0ABC2



AC8B89



574E52



960040



17000A

Previews

White Background



This preview shows how the Hex color 89AC9D looks on a white background.

Color Contrast Check

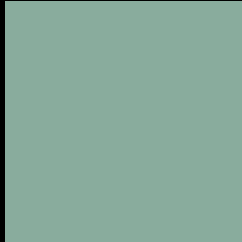
Large Text (above 18pt) WCAG AA × Fail

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 89AC9D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

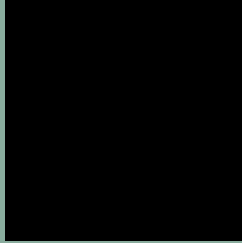
Any Text WCAG AA ✓ Pass

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 89AC9D Background



This preview shows how black text looks on a background with the Hex color 89AC9D.



This preview shows how white text looks on a background with the Hex color 89AC9D.

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](#).

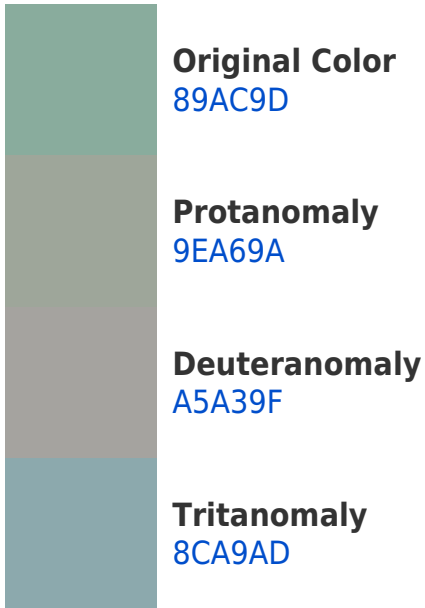
Dichromacy



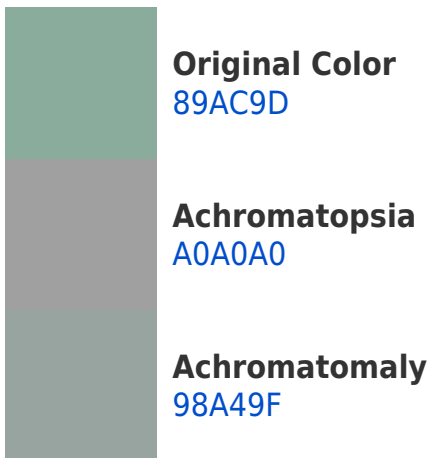


Tritanopia
8EA8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89AC9D 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 #89AC9D looks like.

```
.text, #text, p{  
    color:#89AC9D  
}
```

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 #89AC9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89AC9D
}
```

Border

The CSS property to change the border of an element to Hex 89AC9D 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
#89AC9D }
```

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

```
.border{ border-color:#89AC9D }
```

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

Here you see how a box with a 4 pixel #89AC9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89AC9D; -webkit-box-shadow:4px 4px  
4px 4px #89AC9D; box-shadow:4px 4px 4px  
4px #89AC9D }
```

Background

The CSS property to change the background color of an element to Hex 89AC9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89AC9D }
```

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

```
.background{ background-color:#89AC9D }
```

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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