

Converting Colors

Hex(89C4AF)

Have a look what the booklet for
Hex(89C4AF) contains.

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Color

Hex(89C4AF)

Conversions

Conversions Part 1

Format	Color
Hex	89C4AF
RGB	137, 196, 175
RGB Percent	54%, 77%, 69%
CMY	0.4627, 0.2314, 0.3137
CMYK	0.30, 0.00, 0.11, 0.23
HSL	159°, 33%, 65%
HSV	159°, 30%, 77%
XYZ	37.7943, 47.8934, 47.8098
YIQ	175.9650, -28.4230, -19.0390

Conversions

Conversions Part 2

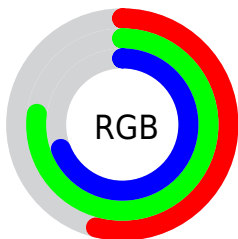
Format	Color
RYB	137, 173, 196
Decimal	9028783
CIELab	74.76, -23.52, 4.47
CIElCh	75, 23.940, 169.251
Yxy	47.8934, 0.2831, 0.3588
Android (android.graphics.Color)	4287218863 (0xFF89C4AF)
YUV	175.9650, -0.4757, -34.1723
Hunter-Lab	69.2050, -23.6262, 7.4834

Details

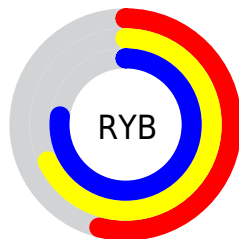
The Hex color **89C4AF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C4899E**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **C0FDE6**, and **558E7B** is the 20% darker color. If you saturate the color by 10%, you get **75C4A8**, and if you desaturate by 10%, it is **9DC4B6**.

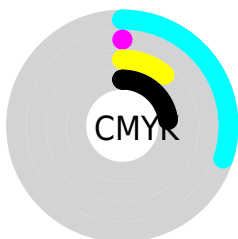
Distribution



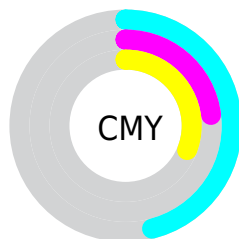
- Red (54%)
- Green (77%)
- Blue (69%)



- Red (54%)
- Yellow (68%)
- Blue (77%)



- Cyan (30%)
- Magenta (0%)
- Yellow (11%)
- Black (23%)



- Cyan (46%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89C4AF 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 89C4AF by changing the saturation by 10% instead.



89C4AF



89C4AF

FFFFFF



6FA994



C0FDE6



558E7B



DCFFFF



3B7462



F9FFFF



225B4A



034433



002D1E



001906



000000



89C4AF



89C4AF

 75C4A8

 9DC4B6

 62C4A1

 B0C4BD

 4EC49A

 C4C4C4

 3BC493

 D7C4CB

 27C48C

 EBC4D2

 13C485

 FFC4D9

 00C47E

 FFC4E0

 FFC4E7

 FFC4EE

Harmonies

Analogous

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



A0C19B



89C4AF



7BC4C6

Triad

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



89C4AF



B1B5E1



E0AD97

Complementary

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



89C4AF



C4899E

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.



E5A9AA



89C4AF



CDAED5

Square

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



89C4AF



93BCE3



DFA9C1



D0B48D

Rectangle

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



89C4AF



7AC3D3



DFA9C1



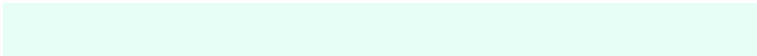
E3AB9D

Sweetspot

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



89C4AF



E8FFF7



9FC489



71807B



000000



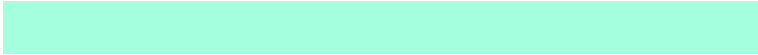
808080

Same Dimension

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



89C4AF



A3FFDE



89BCC4



57615D



00A167



002115

Inverse Universe

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



C4899E



FFA3C4



C49189



61575B



A10039



21000C

Previews

White Background



This preview shows how the Hex color 89C4AF looks on a white background.

Color Contrast Check

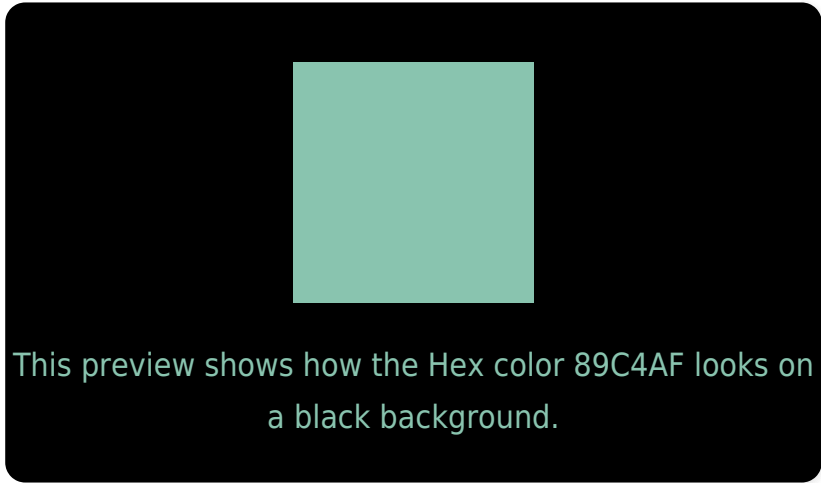
Large Text (above 18pt) WCAG AA × Fail

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

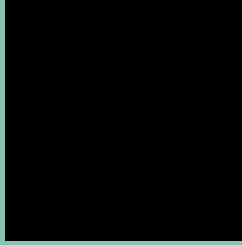
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

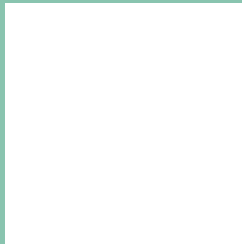
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 89C4AF Background



This preview shows how black text looks on a background with the Hex color 89C4AF.

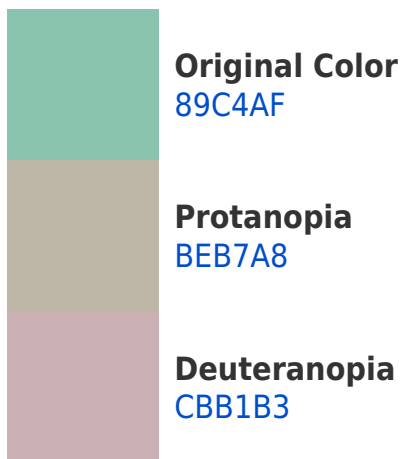


This preview shows how white text looks on a background with the Hex color 89C4AF.

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](#).

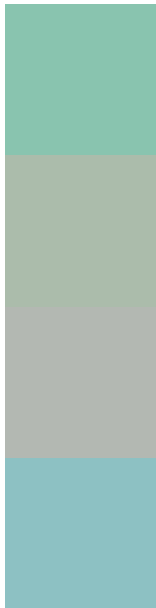
Dichromacy





Tritanopia
90BFCF

Trichromacy



Original Color
89C4AF

Protanomaly
ABBCAB

Deuteranomaly
B3B8B2

Tritanomaly
8DC1C3

Monochromacy



Original Color
89C4AF

Achromatopsia
B0B0B0

Achromatomaly
A2B7B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 89C4AF 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 #89C4AF looks like.

```
.text, #text, p{  
    color:#89C4AF  
}
```

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 #89C4AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89C4AF
}
```

Border

The CSS property to change the border of an element to Hex 89C4AF 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
#89C4AF }
```

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

```
.border{ border-color:#89C4AF }
```

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

Here you see how a box with a 4 pixel #89C4AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89C4AF; -webkit-box-shadow:4px 4px  
4px 4px #89C4AF; box-shadow:4px 4px 4px  
4px #89C4AF }
```

Background

The CSS property to change the background color of an element to Hex 89C4AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89C4AF }
```

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

```
.background{ background-color:#89C4AF }
```

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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