

Converting Colors

Hex(89AB7A)

Have a look what the booklet for
Hex(89AB7A) contains.

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Color

Hex(89AB7A)

Conversions

Conversions Part 1

Format	Color
Hex	89AB7A
RGB	137, 171, 122
RGB Percent	54%, 67%, 48%
CMY	0.4627, 0.3294, 0.5216
CMYK	0.20, 0.00, 0.29, 0.33
HSL	102°, 23%, 57%
HSV	102°, 29%, 67%
XYZ	28.3923, 35.8493, 23.8355
YIQ	155.2480, -4.5350, -22.4470

Conversions

Conversions Part 2

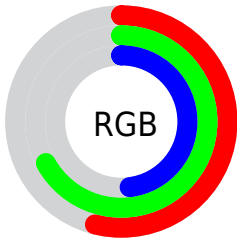
Format	Color
RYB	122, 171, 156
Decimal	9022330
CIELab	66.40, -20.95, 21.54
CIELCh	66, 30.051, 134.208
Yxy	35.8493, 0.3224, 0.4070
Android (android.graphics.Color)	4287212410 (0xFF89AB7A)
YUV	155.2480, -16.3913, -16.0035
Hunter-Lab	59.8743, -20.1357, 18.3091

Details

The Hex color **89AB7A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9C7AAB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **BFE2AF**, and **567749** is the 20% darker color. If you saturate the color by 10%, you get **7DAB69**, and if you desaturate by 10%, it is **95AB8B**.

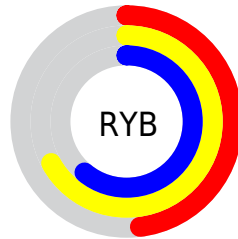
Distribution



Red (54%)

Green (67%)

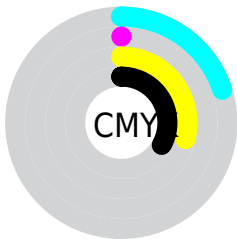
Blue (48%)



Red (48%)

Yellow (67%)

Blue (61%)

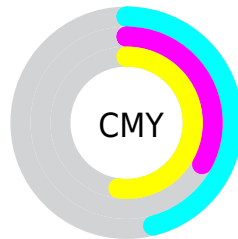


Cyan (20%)

Magenta (0%)

Yellow (29%)

Black (33%)



Cyan (46%)

Magenta (33%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89AB7A 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 89AB7A by changing the saturation by 10% instead.

 89AB7A

 89AB7A

FFFFFF

 6F9061

 BFE2AF

 567749

 DBFFCA

 3E5E32

 F8FFE6

 27461C

 102F04

 001C00

 000000

 89AB7A

 89AB7A

 7DAB69

 95AB8B

 71AB58

 A1AB9C

 65AB47

 ADABAD

 5AAB36

 B8ABBE

 4EAB25

 C4ABCF

 42AB13

 D0ABE1

 36AB02

 DCABF2

 34AB00

 E8ABFF

 F4ABFF

Harmonies

Analogous

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



A7A46D



89AB7A



69AF92

Triad

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



89AB7A



68A8D5



D78D95

Complementary

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



89AB7A



9C7AAB

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.



CE8FB1



89AB7A



91A0D6

Square

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



89AB7A



4BAEC6



B596C8



D2927D

Rectangle

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



89AB7A



56B0A4



B596C8



D68D9F

Sweetspot

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



89AB7A



D0DECA



AB9B7A



687064



F0F0F0



707070

Same Dimension

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



89AB7A



AADE92



7AAB83



51574E



2E9600



071700

Inverse Universe

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



9C7AAB



C792DE



AB7AA2



544E57



680096



100017

Previews

White Background



This preview shows how the Hex color 89AB7A looks on a white background.

Color Contrast Check

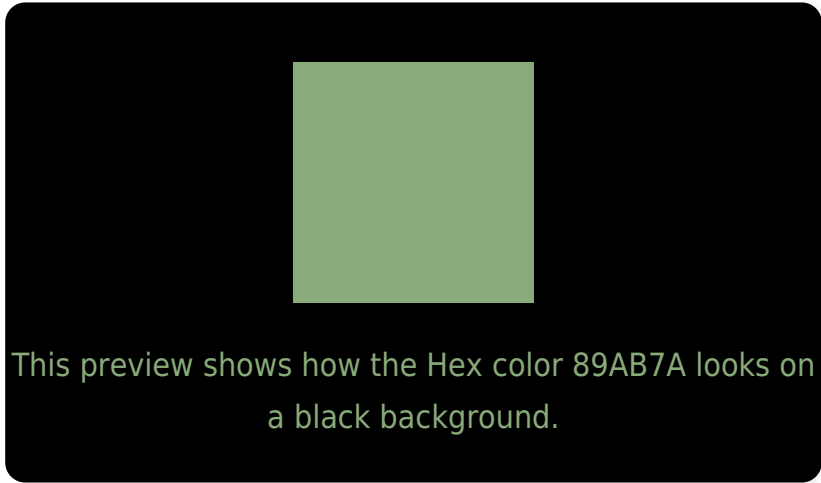
Large Text (above 18pt) WCAG AA × Fail

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

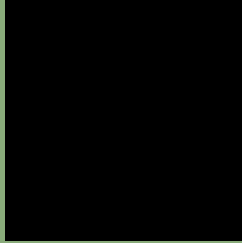
Any Text WCAG AA ✓ Pass

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 89AB7A Background



This preview shows how black text looks on a background with the Hex color 89AB7A.

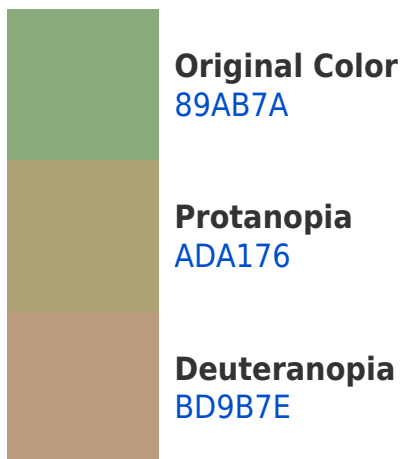


This preview shows how white text looks on a background with the Hex color 89AB7A.

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](#).

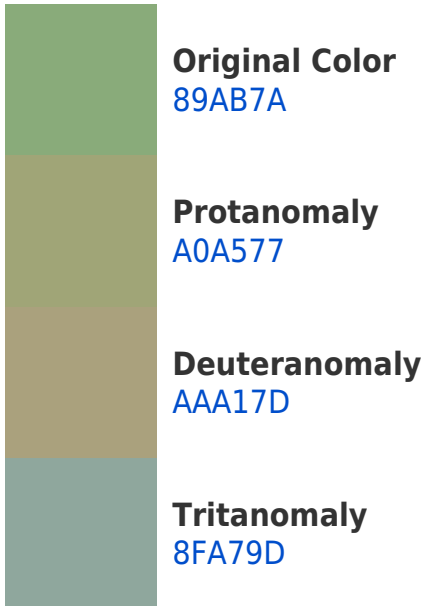
Dichromacy



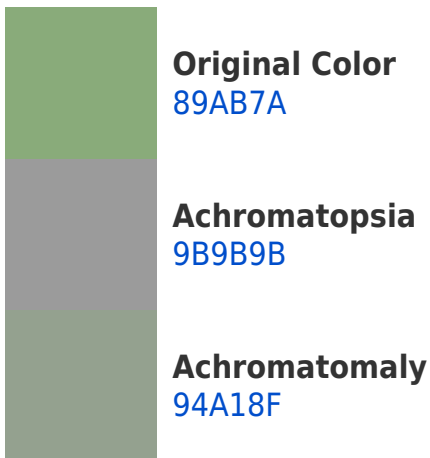


Tritanopia
92A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89AB7A 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 #89AB7A looks like.

```
.text, #text, p{  
    color:#89AB7A  
}
```

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 #89AB7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89AB7A
}
```

Border

The CSS property to change the border of an element to Hex 89AB7A 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
#89AB7A }
```

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

```
.border{ border-color:#89AB7A }
```

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

Here you see how a box with a 4 pixel #89AB7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89AB7A; -webkit-box-shadow:4px 4px  
4px 4px #89AB7A; box-shadow:4px 4px 4px  
4px #89AB7A }
```

Background

The CSS property to change the background color of an element to Hex 89AB7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89AB7A }
```

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

```
.background{ background-color:#89AB7A }
```

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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