

# Converting Colors

Hex(89ABA2)

Have a look what the booklet for  
Hex(89ABA2) contains.

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# **Color**

**Hex(89ABA2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89ABA2
RGB	137, 171, 162
RGB Percent	54%, 67%, 64%
CMY	0.4627, 0.3294, 0.3647
CMYK	0.20, 0.00, 0.05, 0.33
HSL	164°, 17%, 60%
HSV	164°, 20%, 67%
XYZ	31.4010, 37.0528, 39.6793
YIQ	159.8080, -17.3750, -10.0070

# Conversions

## Conversions Part 2

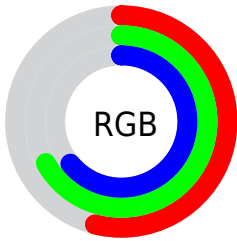
Format	Color
<a href="#">RYB</a>	<a href="#">137, 157, 171</a>
Decimal	<a href="#">9022370</a>
CIELab	<a href="#">67.32, -13.47, 0.79</a>
CIELCh	<a href="#">67, 13.495, 176.629</a>
Yxy	<a href="#">37.0528, 0.2904, 0.3427</a>
Android (android.graphics.Color)	<a href="#">4287212450 (0xFF89ABA2)</a>
YUV	<a href="#">159.8080, 1.0807, -20.0026</a>
Hunter-Lab	<a href="#">60.8710, -14.4430, 3.9610</a>

# Details

The Hex color **89ABA2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AB8992**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BFE2D9**, and **56776E** is the 20% darker color. If you saturate the color by 10%, you get **78AB9D**, and if you desaturate by 10%, it is **9AABA7**.

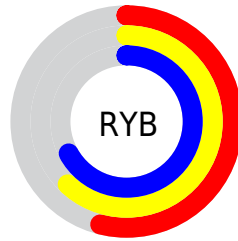
# Distribution



Red (54%)

Green (67%)

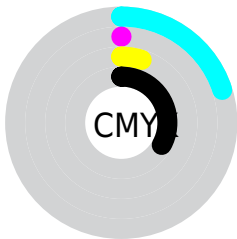
Blue (64%)



Red (54%)

Yellow (62%)

Blue (67%)

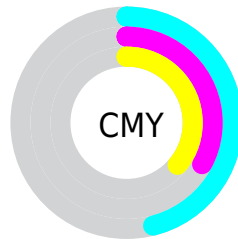


Cyan (20%)

Magenta (0%)

Yellow (5%)

Black (33%)



Cyan (46%)

Magenta (33%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89ABA2 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 89ABA2 by changing the saturation by 10% instead.





89ABA2



89ABA2

FFFFFF



6F9088



BFE2D9



56776E



DBFFF5



3E5E56



F8FFFF



27463F



113029



001B15



000000



89ABA2



89ABA2



78AB9D



9AABA7

 67AB99

 ABABAB

 56AB94

 BCABB0

 45AB90


 CDABB4

 33AB8B

 DEABB9

 22AB87

 F0ABBD

 11AB82

 FFABC2

 00AB7E

 FFABC6

 FFABCB

# Harmonies

## Analogous

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



94A996



89ABA2



85ABAE

# Triad

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



89ABA2



A5A1BA



B99F90

# Complementary

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



89ABA2



AB8992

# 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.



BE9C9A



89ABA2



B39EB1

# Square

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



89ABA2



95A5BC



BC9CA6



AFA38C

# Rectangle

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



89ABA2



87AAB5



BC9CA6



BB9E93



# Sweetspot

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



89ABA2



D1DEDA



92AB89



68706E



F0F0F0



707070



# Same Dimension

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



89ABA2



A9DED0



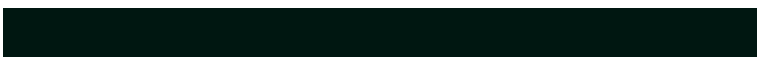
89A3AB



4E5754



00966F



001711



# Inverse Universe

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



AB8992



DEA9B7



AB9189



574E50



960028



170006



# Previews

## White Background



This preview shows how the Hex color 89ABA2 looks on a white background.

## Color Contrast Check

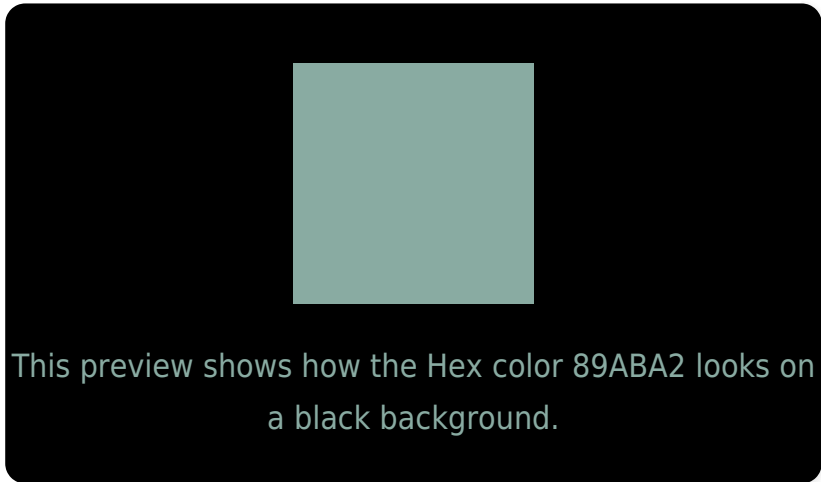
Large Text (above 18pt) WCAG AA × Fail

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

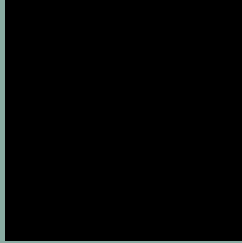
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

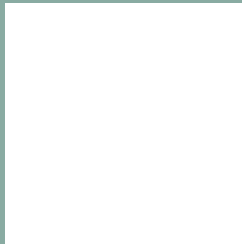
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 89ABA2 Background



This preview shows how black text looks on a background with the Hex color 89ABA2.

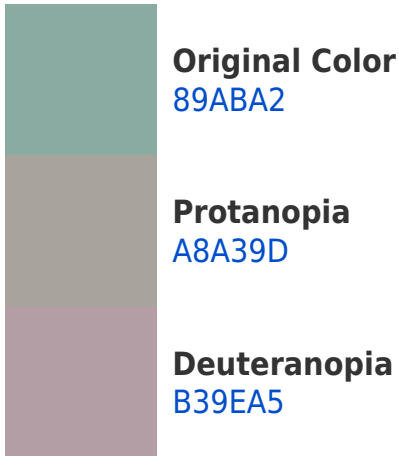


This preview shows how white text looks on a background with the Hex color 89ABA2.

# 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](#).

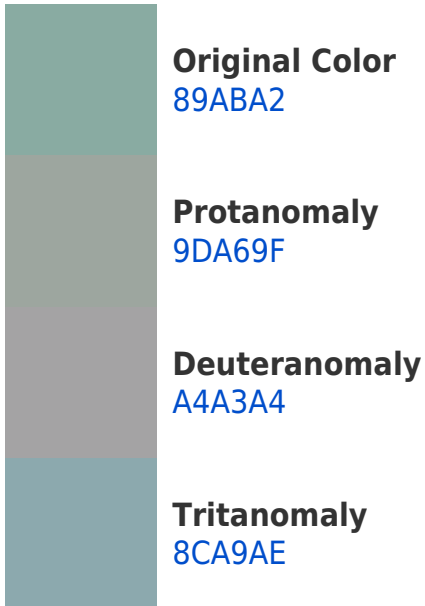
## Dichromacy



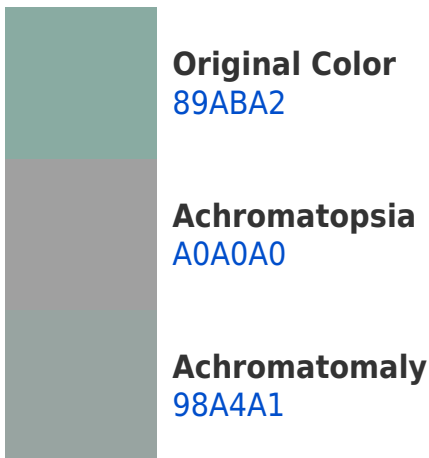


**Tritanopia**  
8DA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89ABA2 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 #89ABA2 looks like.

```
.text, #text, p{  
    color:#89ABA2  
}
```

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 #89ABA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89ABA2
}
```

## Border

The CSS property to change the border of an element to Hex 89ABA2 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
#89ABA2 }
```

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

```
.border{ border-color:#89ABA2 }
```

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

Here you see how a box with a 4 pixel #89ABA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89ABA2; -webkit-box-shadow:4px 4px  
4px 4px #89ABA2; box-shadow:4px 4px 4px  
4px #89ABA2 }
```

# Background

The CSS property to change the background color of an element to Hex 89ABA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89ABA2 }
```

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

```
.background{ background-color:#89ABA2 }
```

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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