

# Converting Colors

Hex(89A18B)

Have a look what the booklet for  
Hex(89A18B) contains.

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# **Color**

**Hex(89A18B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89A18B
RGB	137, 161, 139
RGB Percent	54%, 63%, 55%
CMY	0.4627, 0.3686, 0.4549
CMYK	0.15, 0.00, 0.14, 0.37
HSL	125°, 11%, 58%
HSV	125°, 15%, 63%
XYZ	27.7216, 32.6722, 29.2714
YIQ	151.3160, -7.2420, -11.9300

# Conversions

## Conversions Part 2

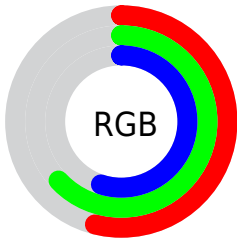
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">137, 159, 161</a>
Decimal	<a href="#">9019787</a>
CIELab	<a href="#">63.89, -12.79, 8.67</a>
CIElCh	<a href="#">64, 15.449, 145.862</a>
Yxy	<a href="#">32.6722, 0.3092, 0.3644</a>
Android (android.graphics.Color)	<a href="#">4287209867</a> (0xFF89A18B)
YUV	<a href="#">151.3160, -6.0718, -12.5551</a>
Hunter-Lab	<a href="#">57.1596, -13.4593, 9.6494</a>

# Details

The Hex color **89A18B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A1899F**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **BFD8C0**, and **576D59** is the 20% darker color. If you saturate the color by 10%, you get **79A17C**, and if you desaturate by 10%, it is **99A19A**.

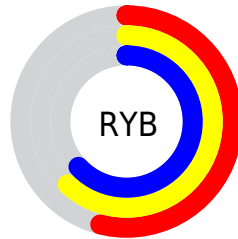
# Distribution



Red (54%)

Green (63%)

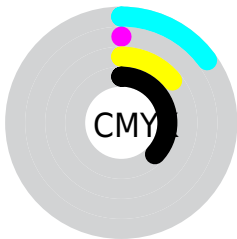
Blue (55%)



Red (54%)

Yellow (62%)

Blue (63%)

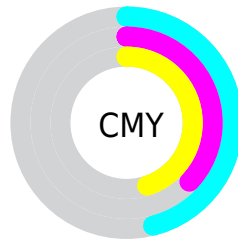


Cyan (15%)

Magenta (0%)

Yellow (14%)

Black (37%)



Cyan (46%)

Magenta (37%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89A18B 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 89A18B by changing the saturation by 10% instead.



 89A18B

 89A18B

FFFFFF

 6F8772

 BFD8C0

 576D59

 DAF4DC

 3F5542

 F7FFF9

 293E2B

 142817

 001400

 000000

 89A18B

 89A18B

 79A17C

 99A19A

 69A16D

 A9A1A9

 59A15F

 B9A1B7

 49A150

 C9A1C6

 38A141


 DAA1D5

 28A132

 EAA1E4

 18A124

 FAA1F2

 08A115

 FFA1FF

 00A10D

# Harmonies

## Analogous

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



999E82



89A18B



7CA398

# Triad

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



89A18B



899DB6



B8928F

# Complementary

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



89A18B



A1899F

# 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.



B5919D



89A18B



9B98B3

# Square

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



89A18B



7BA0B1



AB94AA



B39585

# Rectangle

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



89A18B



77A3A2



AB94AA



B89194



# Sweetspot

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



89A18B



C9D1C9



9FA189



636964



E8E8E8



696969



# Same Dimension

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



89A18B



ABD1AF



89A197



49524A



00910C



001201



# Inverse Universe

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



A1899F



D1ABCE



A18993



524951



910085



120010



# Previews

## White Background



This preview shows how the Hex color 89A18B looks on a white background.

## Color Contrast Check

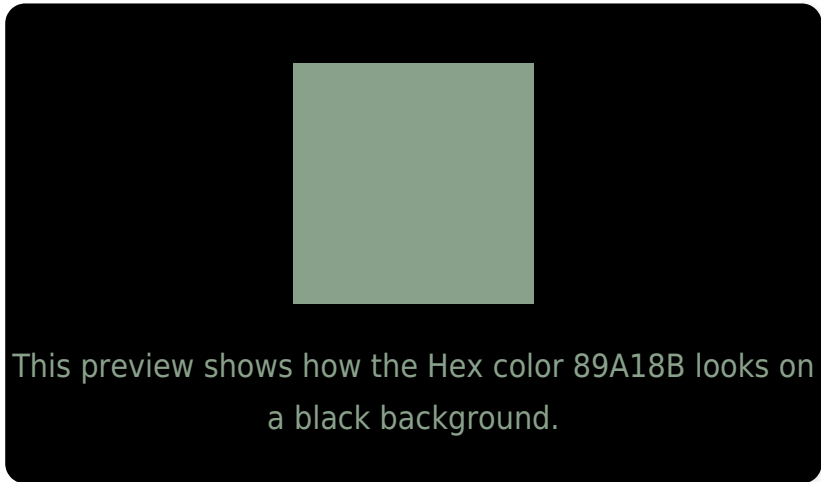
Large Text (above 18pt) WCAG AA × Fail

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

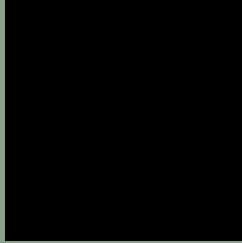
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

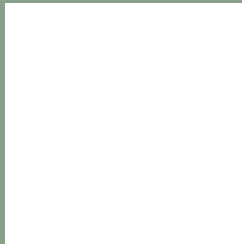
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 89A18B Background



This preview shows how black text looks on a background with the Hex color 89A18B.

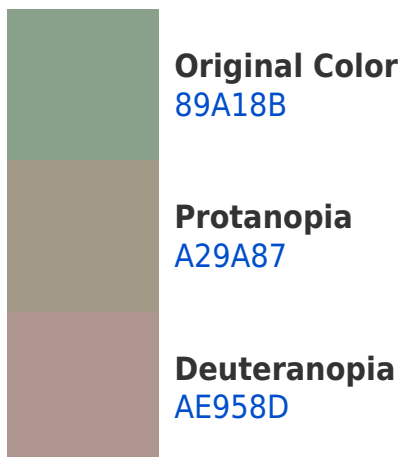


This preview shows how white text looks on a background with the Hex color 89A18B.

# 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](#).

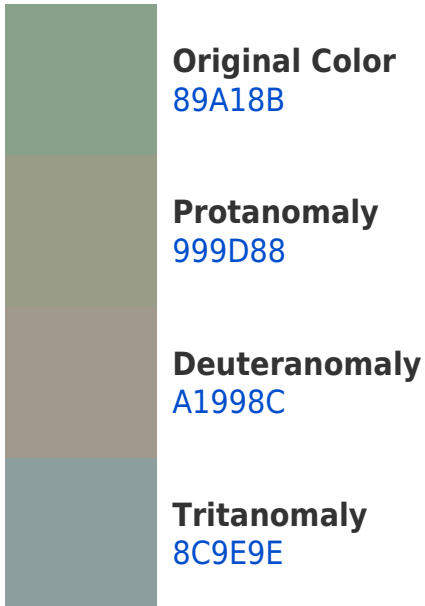
## Dichromacy



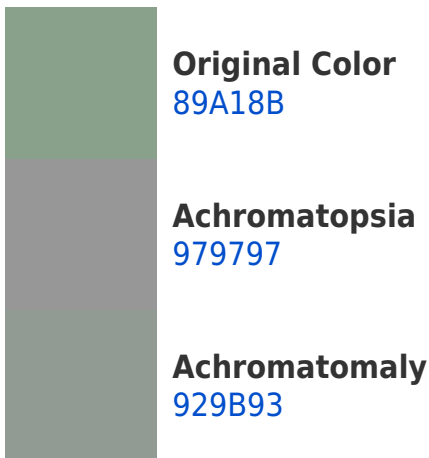


**Tritanopia**  
8E9DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89A18B 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 #89A18B looks like.

```
.text, #text, p{  
    color:#89A18B  
}
```

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 #89A18B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A18B
}
```

## Border

The CSS property to change the border of an element to Hex 89A18B 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
#89A18B }
```

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

```
.border{ border-color:#89A18B }
```

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

Here you see how a box with a 4 pixel #89A18B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A18B; -webkit-box-shadow:4px 4px  
4px 4px #89A18B; box-shadow:4px 4px 4px  
4px #89A18B }
```

# Background

The CSS property to change the background color of an element to Hex 89A18B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A18B }
```

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

```
.background{ background-color:#89A18B }
```

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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