

Converting Colors

Hex(89B979)

Have a look what the booklet for
Hex(89B979) contains.

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Color

Hex(89B979)

Conversions

Conversions Part 1

Format	Color
Hex	89B979
RGB	137, 185, 121
RGB Percent	54%, 73%, 47%
CMY	0.4627, 0.2745, 0.5255
CMYK	0.26, 0.00, 0.35, 0.27
HSL	105°, 31%, 60%
HSV	105°, 35%, 73%
XYZ	31.1167, 41.3968, 24.4395
YIQ	163.3520, -8.0640, -30.0800

Conversions

Conversions Part 2

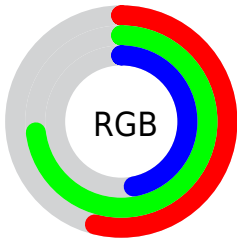
Format	Color
RYB	121, 185, 169
Decimal	9025913
CIELab	70.45, -28.04, 27.51
CIELCh	70, 39.280, 135.543
Yxy	41.3968, 0.3209, 0.4270
Android (android.graphics.Color)	4287215993 (0xFF89B979)
YUV	163.3520, -20.8795, -23.1107
Hunter-Lab	64.3403, -26.2682, 22.5171

Details

The Hex color **89B979** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **A979B9**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **C0F1AE**, and **558447** is the 20% darker color. If you saturate the color by 10%, you get **7BB967**, and if you desaturate by 10%, it is **97B98B**.

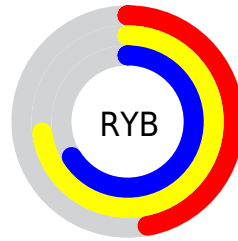
Distribution



Red (54%)

Green (73%)

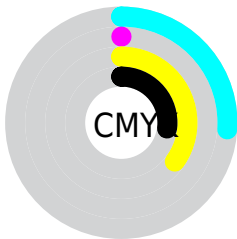
Blue (47%)



Red (47%)

Yellow (73%)

Blue (66%)

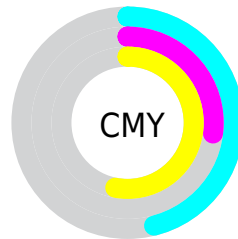


Cyan (26%)

Magenta (0%)

Yellow (35%)

Black (27%)



Cyan (46%)

Magenta (27%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89B979 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 89B979 by changing the saturation by 10% instead.

 89B979

 89B979

FFFFFF

 6F9E60

 C0F1AE

 558447

 DCFFC9

 3C6A30

 F9FFE6

 235219

 093A01

 002500

 000300

 000000

 89B979

 89B979

 7BB967

 97B98B

 6DB954

 A5B99E

 5FB941

 B3B9B1

 51B92F

 C1B9C3

 44B91C

 CEB9D5

 36B90A

 DCB9E8

 2EB900

 EAB9FB

 F8B9FF

 FFB9FF

Harmonies

Analogous

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



B1B066



89B979



5BBE99

Triad

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



89B979



57B5F1



F2919B

Complementary

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



89B979



A979B9

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.



E792BF



89B979



96A9F1

Square

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



89B979



00BCDE



C89CDF



EA987B

Rectangle

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



89B979



35BFB2



C89CDF



F190A7

Sweetspot

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



89B979



DEF0D8



B9A979



6D7869



F7F7F7



787878

Same Dimension

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



89B979



A4F08B



79B989



555C53



279C00



071C00

Inverse Universe

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



A979B9



D78BF0



B979A9



5A535C



75009C



15001C

Previews

White Background



This preview shows how the Hex color 89B979 looks on a white background.

Color Contrast Check

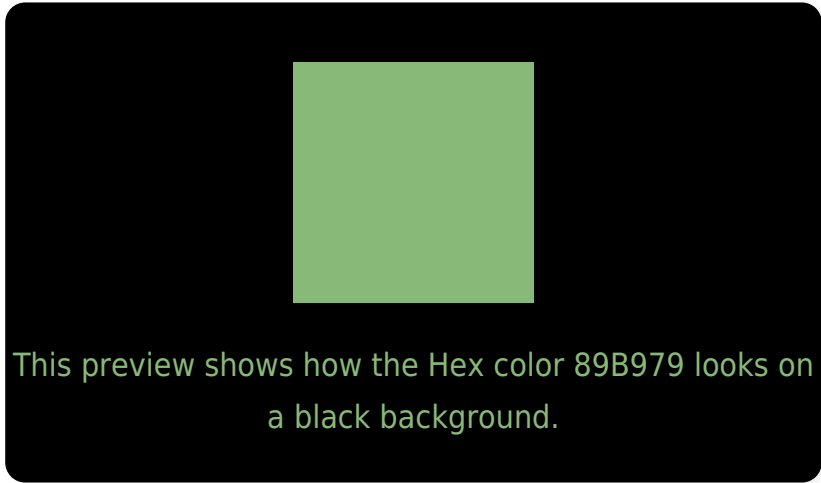
Large Text (above 18pt) WCAG AA × Fail

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 89B979 Background



This preview shows how black text looks on a background with the Hex color 89B979.

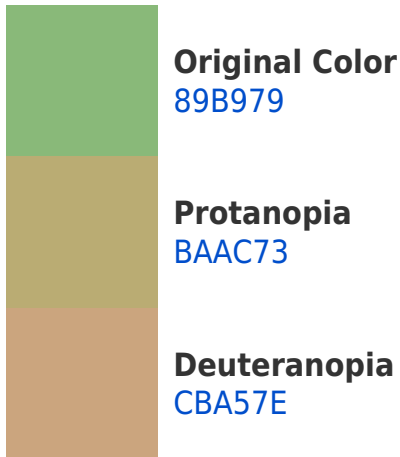


This preview shows how white text looks on a background with the Hex color 89B979.

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
94B0BE

Trichromacy



Original Color
89B979

Protanomaly
A8B175

Deuteranomaly
B3AC7C

Tritanomaly
90B3A5

Monochromacy



Original Color
89B979

Achromatopsia
A3A3A3

Achromatomaly
9AAB94

CSS Examples

Text

The CSS property to change the color of the text to Hex 89B979 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 #89B979 looks like.

```
.text, #text, p{  
    color:#89B979  
}
```

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 #89B979 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B979
}
```

Border

The CSS property to change the border of an element to Hex 89B979 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
#89B979 }
```

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

```
.border{ border-color:#89B979 }
```

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

Here you see how a box with a 4 pixel #89B979 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B979; -webkit-box-shadow:4px 4px  
4px 4px #89B979; box-shadow:4px 4px 4px  
4px #89B979 }
```

Background

The CSS property to change the background color of an element to Hex 89B979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B979 }
```

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

```
.background{ background-color:#89B979 }
```

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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