

Converting Colors

Hex(89B78F)

Have a look what the booklet for
Hex(89B78F) contains.

Hex(89B78F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(89B78F)

Conversions

Conversions Part 1

Format	Color
Hex	89B78F
RGB	137, 183, 143
RGB Percent	54%, 72%, 56%
CMY	0.4627, 0.2824, 0.4392
CMYK	0.25, 0.00, 0.22, 0.28
HSL	128°, 24%, 63%
HSV	128°, 25%, 72%
XYZ	32.2079, 41.1685, 32.2354
YIQ	164.6860, -14.5760, -22.1920

Conversions

Conversions Part 2

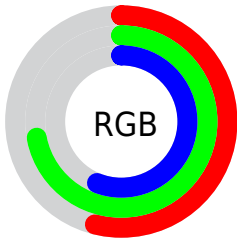
Format	Color
RYB	137, 178, 183
Decimal	9025423
CIELab	70.29, -23.37, 15.49
CIELCh	70, 28.034, 146.470
Yxy	41.1685, 0.3050, 0.3898
Android (android.graphics.Color)	4287215503 (0xFF89B78F)
YUV	164.6860, -10.6912, -24.2806
Hunter-Lab	64.1627, -22.6825, 15.1265

Details

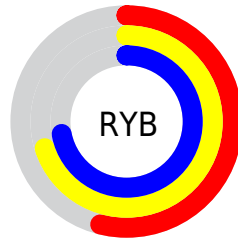
The Hex color **89B78F** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B789B1**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **BFEFC5**, and **56825D** is the 20% darker color. If you saturate the color by 10%, you get **77B77F**, and if you desaturate by 10%, it is **9BB79F**.

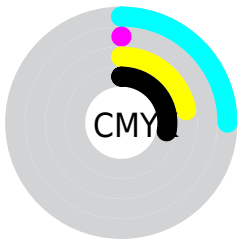
Distribution



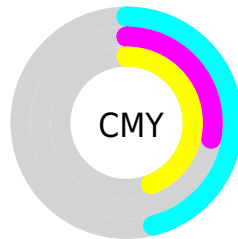
- Red (54%)
- Green (72%)
- Blue (56%)



- Red (54%)
- Yellow (70%)
- Blue (72%)



- Cyan (25%)
- Magenta (0%)
- Yellow (22%)
- Black (28%)



- Cyan (46%)
- Magenta (28%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89B78F 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 89B78F by changing the saturation by 10% instead.



89B78F



89B78F

FFFFFF



6F9C75



BFEFC5



56825D



DBFFE1



3D6845



F8FFFE



26502E



0D3919



002300



000200



000000



89B78F



89B78F

 77B77F

 9BB79F

 64B76F

 AEB7AF

 52B75F

 C0B7BF

 40B74F

 D2B7CF

 2DB73F

 E4B7DF

 1BB730

 F7B7EE

 09B720

 FFB7FE

 00B718

 FFB7FF

Harmonies

Analogous

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



A6B17E



89B78F



6DBAA8

Triad

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



89B78F



87AFDE



DF9A96

Complementary

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



89B78F



B789B1

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.



DC99B0



89B78F



ACA6D9

Square

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



89B78F



68B6D6



CA9EC8



D5A182

Rectangle

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



89B78F



61BAB9



CA9EC8



DF999F

Sweetspot

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



89B78F



DAEDDD



B2B789



6C786D



F7F7F7



787878

Same Dimension

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



89B78F



A6EDAF



89B7A5



535C54



009C14



001C04

Inverse Universe

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



B789B1



EDA6E4



B7899B



5C535B



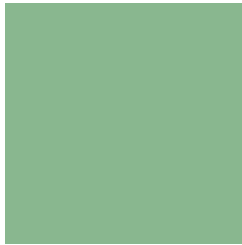
9C0087



1C0018

Previews

White Background



This preview shows how the Hex color 89B78F looks on a white background.

Color Contrast Check

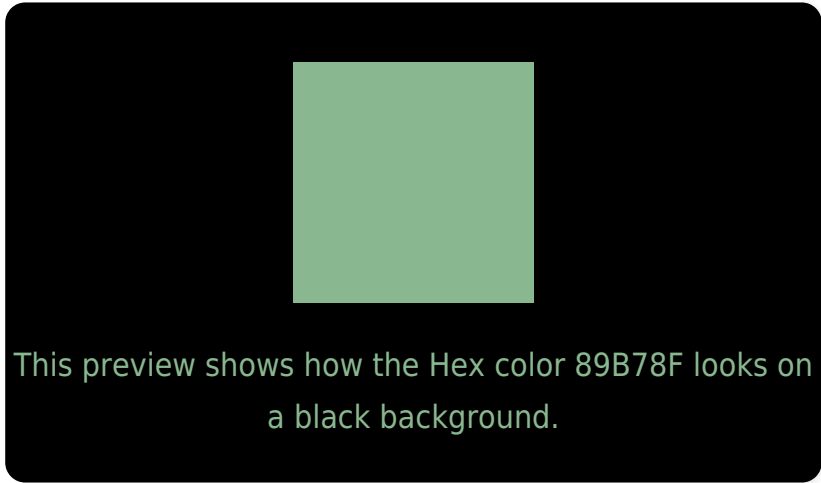
Large Text (above 18pt) WCAG AA × Fail

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 89B78F Background



This preview shows how black text looks on a background with the Hex color 89B78F.

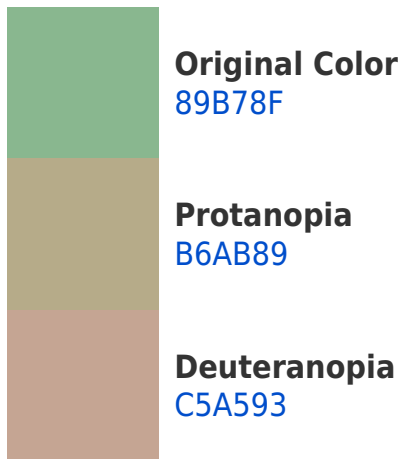


This preview shows how white text looks on a background with the Hex color 89B78F.

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](#).

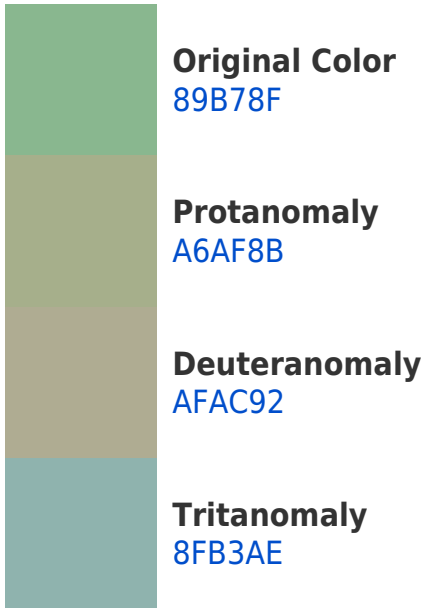
Dichromacy



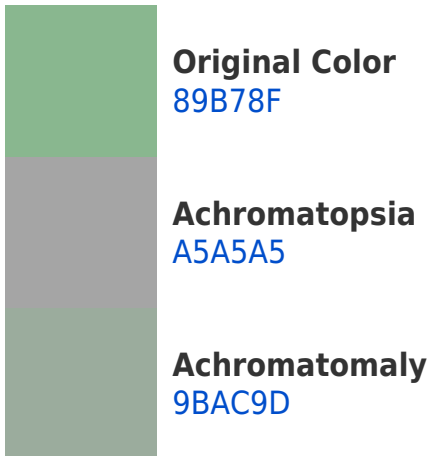


Tritanopia
92B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89B78F 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 #89B78F looks like.

```
.text, #text, p{  
    color:#89B78F  
}
```

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 #89B78F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B78F
}
```

Border

The CSS property to change the border of an element to Hex 89B78F 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
#89B78F }
```

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

```
.border{ border-color:#89B78F }
```

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

Here you see how a box with a 4 pixel #89B78F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B78F; -webkit-box-shadow:4px 4px  
4px 4px #89B78F; box-shadow:4px 4px 4px  
4px #89B78F }
```

Background

The CSS property to change the background color of an element to Hex 89B78F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B78F }
```

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

```
.background{ background-color:#89B78F }
```

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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