

# Converting Colors

Hex(89B884)

Have a look what the booklet for  
Hex(89B884) contains.

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# **Color**

**Hex(89B884)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89B884
RGB	137, 184, 132
RGB Percent	54%, 72%, 52%
CMY	0.4627, 0.2784, 0.4824
CMYK	0.26, 0.00, 0.28, 0.28
HSL	114°, 27%, 62%
HSV	114°, 28%, 72%
XYZ	31.6219, 41.2653, 28.1281
YIQ	164.0190, -11.3200, -26.1360

# Conversions

## Conversions Part 2

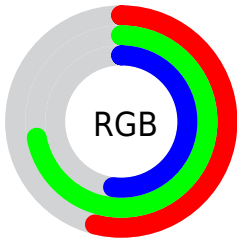
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 184, 179</a>
Decimal	<a href="#">9025668</a>
CIELab	<a href="#">70.36, -25.79, 21.52</a>
CIElCh	<a href="#">70, 33.589, 140.152</a>
Yxy	<a href="#">41.2653, 0.3130, 0.4085</a>
Android (android.graphics.Color)	<a href="#">4287215748 (0xFF89B884)</a>
YUV	<a href="#">164.0190, -15.7854, -23.6957</a>
Hunter-Lab	<a href="#">64.2381, -24.5481, 19.0051</a>

# Details

The Hex color **89B884** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B384B8**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **BFF0B9**, and **568352** is the 20% darker color. If you saturate the color by 10%, you get **78B872**, and if you desaturate by 10%, it is **9AB896**.

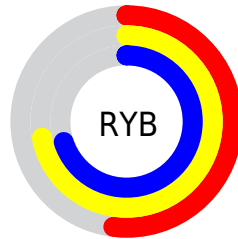
# Distribution



Red (54%)

Green (72%)

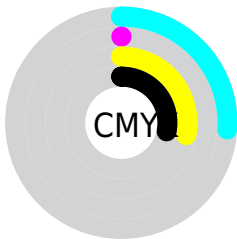
Blue (52%)



Red (52%)

Yellow (72%)

Blue (70%)

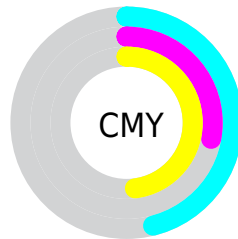


Cyan (26%)

Magenta (0%)

Yellow (28%)

Black (28%)



Cyan (46%)

Magenta (28%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89B884 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 89B884 by changing the saturation by 10% instead.





89B884



89B884

FFFFFF



6F9D6B



BFF0B9



568352



DCFFD5



3D693B



F8FFF2



255124



0B3A0F



002400



000200



000000



89B884



89B884

 78B872

 9AB896

 68B85F

 AAB8A9

 57B84D

 BBB8BB

 46B83A

 CCB8CE

 36B828

 DCB8E0

 25B816

 EDB8F2

 15B803

 FDB8FF

 12B800

 FFB8FF

# Harmonies

## Analogous

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



ACB172



89B884



64BCA1

# Triad

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



89B884



72B2E8



E99699

# Complementary

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



89B884



B384B8

# 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.



E196B7



89B884



A2A8E5

# Square

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



89B884



49B9DA



C99DD3



E09C7E

# Rectangle

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



89B884



4EBDB6



C99DD3



E895A3

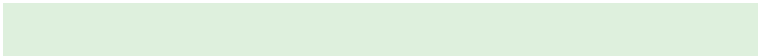


# Sweetspot

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



89B884



DEF0DD



B8B384



6D786C



F7F7F7



787878

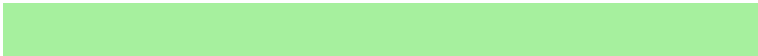


# Same Dimension

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



89B884



A6F09E



84B899



545C53



0F9C00



031C00



# Inverse Universe

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



B384B8



E89EF0



B884A3



5B535C



8D009C



19001C



# Previews

## White Background



This preview shows how the Hex color 89B884 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



This preview shows how the Hex color 89B884 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

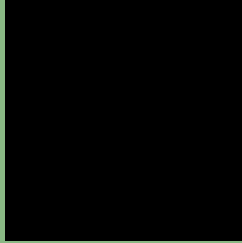
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89B884 Background



This preview shows how black text looks on a background with the Hex color 89B884.

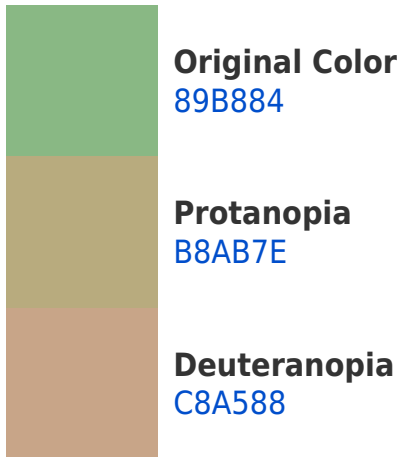


This preview shows how white text looks on a background with the Hex color 89B884.

# 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](#).

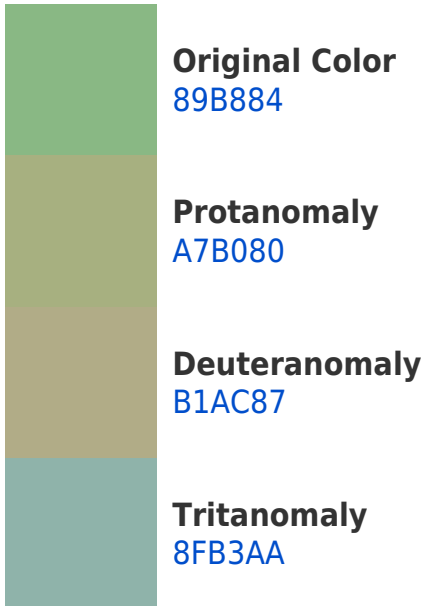
## Dichromacy



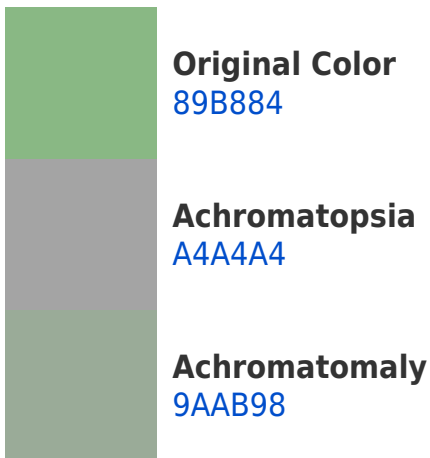


**Tritanopia**  
93B0BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89B884 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 #89B884 looks like.

```
.text, #text, p{  
    color:#89B884  
}
```

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 #89B884 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B884
}
```

## Border

The CSS property to change the border of an element to Hex 89B884 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
#89B884 }
```

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

```
.border{ border-color:#89B884 }
```

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

Here you see how a box with a 4 pixel #89B884 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B884; -webkit-box-shadow:4px 4px  
4px 4px #89B884; box-shadow:4px 4px 4px  
4px #89B884 }
```

# Background

The CSS property to change the background color of an element to Hex 89B884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B884 }
```

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

```
.background{ background-color:#89B884 }
```

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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