

# Converting Colors

Hex(89AD85)

Have a look what the booklet for  
Hex(89AD85) contains.

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# **Color**

**Hex(89AD85)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	89AD85
RGB	137, 173, 133
RGB Percent	54%, 68%, 52%
CMY	0.4627, 0.3216, 0.4784
CMYK	0.21, 0.00, 0.23, 0.32
HSL	114°, 20%, 60%
HSV	114°, 23%, 68%
XYZ	29.4937, 36.8990, 27.7580
YIQ	157.6760, -8.6160, -20.0720

# Conversions

## Conversions Part 2

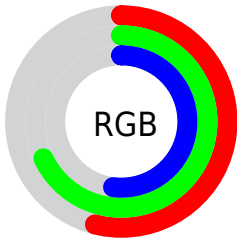
Format	Color
<a href="#">RYB</a>	<a href="#">133, 173, 169</a>
Decimal	<a href="#">9022853</a>
CIELab	<a href="#">67.20, -20.12, 16.63</a>
CIELCh	<a href="#">67, 26.105, 140.416</a>
Yxy	<a href="#">36.8990, 0.3133, 0.3919</a>
Android (android.graphics.Color)	<a href="#">4287212933 (0xFF89AD85)</a>
YUV	<a href="#">157.6760, -12.1653, -18.1329</a>
Hunter-Lab	<a href="#">60.7445, -19.6345, 15.4278</a>

# Details

The Hex color **89AD85** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A985AD**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BFE5BA**, and **567953** is the 20% darker color. If you saturate the color by 10%, you get **79AD74**, and if you desaturate by 10%, it is **99AD96**.

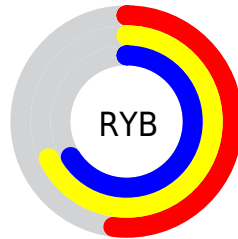
# Distribution



Red (54%)

Green (68%)

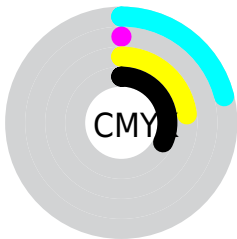
Blue (52%)



Red (52%)

Yellow (68%)

Blue (66%)

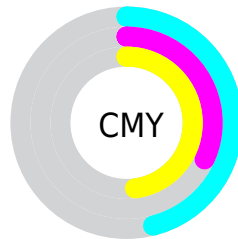


Cyan (21%)

Magenta (0%)

Yellow (23%)

Black (32%)



Cyan (46%)

Magenta (32%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89AD85 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 89AD85 by changing the saturation by 10% instead.





89AD85



89AD85

FFFFFF



6F926C



BFE5BA



567953



DBFFD6



3E603C



F8FFF2



274826



103111



001D00



000000



89AD85



89AD85



79AD74



99AD96

 6AAD62

 A8ADA8

 5AAD51

 B8ADB9

 4BAD40

 C7ADCA

 3BAD2F

 D7ADDC

 2CAD1D

 E6ADED

 1CAD0C

 F6ADFE

 11AD00

 FFADFF

# Harmonies

## Analogous

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



A4A777



89AD85



6FB09B

# Triad

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



89AD85



7CA8D1



D39394

# Complementary

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



89AD85



A985AD

# 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.



CD93AC



89AD85



9DA0CF

# Square

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



89AD85



62AEC7



BA98C2



CD9880

# Rectangle

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



89AD85



62B1AB



BA98C2



D3929C



# Sweetspot

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



89AD85



D2E0D1



ADA985



687067



F0F0F0



707070



# Same Dimension

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



89AD85



A8E0A2



85AD95



4F574E



0F9600



021700



# Inverse Universe

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



A985AD



DAA2E0



AD859D



564E57



870096



150017



# Previews

## White Background



This preview shows how the Hex color 89AD85 looks on a white background.

## Color Contrast Check

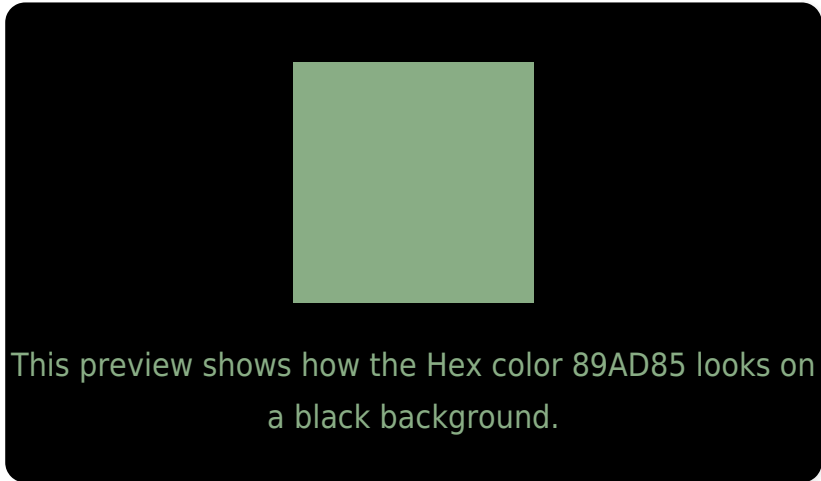
Large Text (above 18pt) WCAG AA × Fail

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

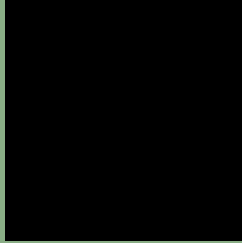
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89AD85 Background



This preview shows how black text looks on a background with the Hex color 89AD85.

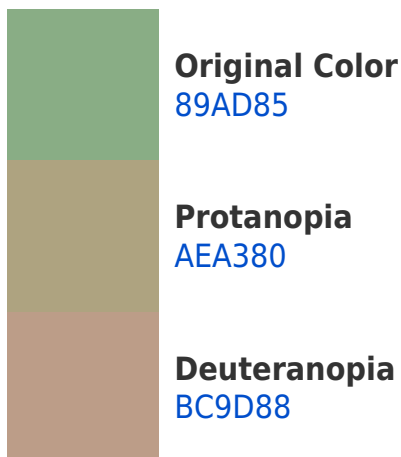


This preview shows how white text looks on a background with the Hex color 89AD85.

# 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**  
91A7B4

# Trichromacy



**Original Color**  
89AD85

**Protanomaly**  
A1A782

**Deuteranomaly**  
A9A387

**Tritanomaly**  
8EA9A3

# Monochromacy



**Original Color**  
89AD85

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
96A395

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89AD85 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 #89AD85 looks like.

```
.text, #text, p{  
    color:#89AD85  
}
```

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 #89AD85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89AD85
}
```

## Border

The CSS property to change the border of an element to Hex 89AD85 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
#89AD85 }
```

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

```
.border{ border-color:#89AD85 }
```

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

Here you see how a box with a 4 pixel #89AD85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89AD85; -webkit-box-shadow:4px 4px  
4px 4px #89AD85; box-shadow:4px 4px 4px  
4px #89AD85 }
```

# Background

The CSS property to change the background color of an element to Hex 89AD85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89AD85 }
```

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

```
.background{ background-color:#89AD85 }
```

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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