

Converting Colors

Hex(89AD90)

Have a look what the booklet for
Hex(89AD90) contains.

Hex(89AD90)	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(89AD90)

Conversions

Conversions Part 1

Format	Color
Hex	89AD90
RGB	137, 173, 144
RGB Percent	54%, 68%, 56%
CMY	0.4627, 0.3216, 0.4353
CMYK	0.21, 0.00, 0.17, 0.32
HSL	132°, 18%, 61%
HSV	132°, 21%, 68%
XYZ	30.2941, 37.2191, 31.9729
YIQ	158.9300, -12.1470, -16.6510

Conversions

Conversions Part 2

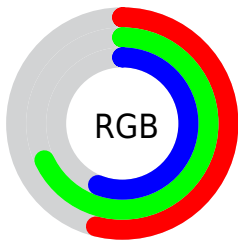
Format	Color
RYB	137, 167, 173
Decimal	9022864
CIELab	67.44, -18.12, 10.93
CIELCh	67, 21.160, 148.900
Yxy	37.2191, 0.3045, 0.3741
Android (android.graphics.Color)	4287212944 (0xFF89AD90)
YUV	158.9300, -7.3605, -19.2326
Hunter-Lab	61.0075, -18.1263, 11.6324

Details

The Hex color **89AD90** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AD89A6**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BFE5C6**, and **56795E** is the 20% darker color. If you saturate the color by 10%, you get **78AD82**, and if you desaturate by 10%, it is **9AAD9E**.

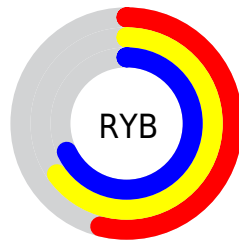
Distribution



Red (54%)

Green (68%)

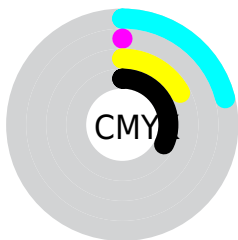
Blue (56%)



Red (54%)

Yellow (65%)

Blue (68%)

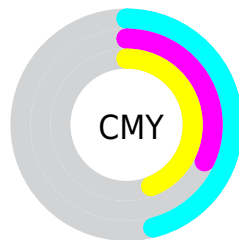


Cyan (21%)

Magenta (0%)

Yellow (17%)

Black (32%)



Cyan (46%)

Magenta (32%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89AD90 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 89AD90 by changing the saturation by 10% instead.

 89AD90

 89AD90

FFFFFF

 6F9276

 BFE5C6


 56795E

 DBFFE2

 3E6046

 F7FFFF

 274830

 11311A

 001D00

 000000

 89AD90

 89AD90

 78AD82

 9AAD9E

66AD74

ACADAC

55AD66

BDADBA

44AD58

CEADC8

33AD4A

E0ADD6

21AD3C

F1ADE4

10AD2E

FFADF2

00AD22

FFADFF

Harmonies

Analogous

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



9FA983



89AD90



77AFA3

Triad

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



89AD90



8DA6CA



CB9893

Complementary

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



89AD90



AD89A6

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.



C997A6



89AD90



A7A0C6

Square

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



89AD90



77ABC4



BC9AB8



C39C84

Rectangle

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



89AD90



70AFB0



BC9AB8



CC9799

Sweetspot

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



89AD90



D3E0D6



A6AD89



68706A



F0F0F0



707070

Same Dimension

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



89AD90



A8E0B3



89ADA2



4E5750



00961D



001704

Inverse Universe

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



AD89A6



E0A8D5



AD8994



574E55



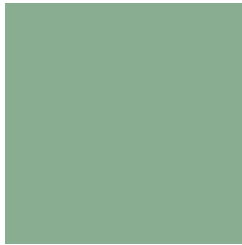
960079



170012

Previews

White Background



This preview shows how the Hex color 89AD90 looks on a white background.

Color Contrast Check

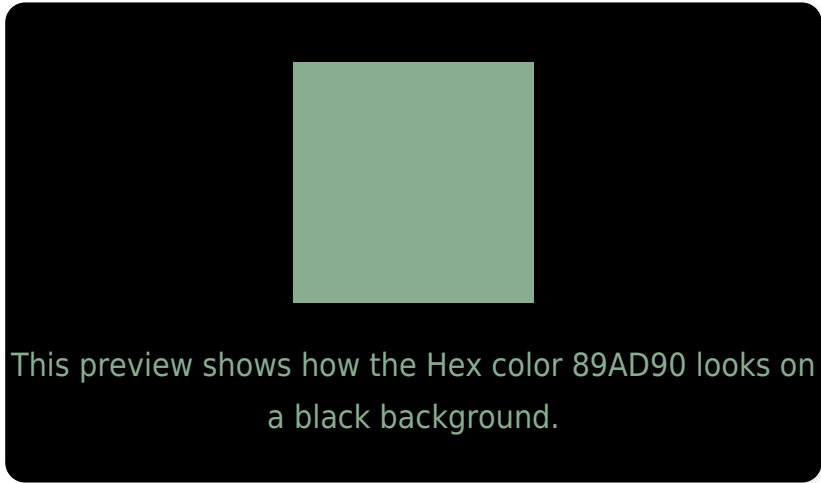
Large Text (above 18pt) WCAG AA × Fail

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

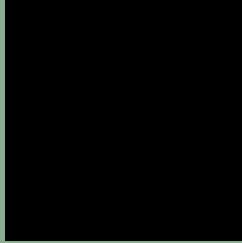
Any Text WCAG AA ✓ Pass

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 89AD90 Background



This preview shows how black text looks on a background with the Hex color 89AD90.

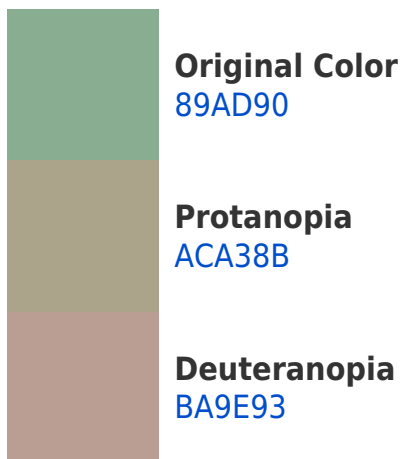


This preview shows how white text looks on a background with the Hex color 89AD90.

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
90A8B5

Trichromacy



Original Color
89AD90

Protanomaly
9FA78D

Deuteranomaly
A8A392

Tritanomaly
8DAAA8

Monochromacy



Original Color
89AD90

Achromatopsia
9F9F9F

Achromatomaly
97A49A

CSS Examples

Text

The CSS property to change the color of the text to Hex 89AD90 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 #89AD90 looks like.

```
.text, #text, p{  
    color:#89AD90  
}
```

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 #89AD90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89AD90
}
```

Border

The CSS property to change the border of an element to Hex 89AD90 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
#89AD90 }
```

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

```
.border{ border-color:#89AD90 }
```

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

Here you see how a box with a 4 pixel #89AD90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89AD90; -webkit-box-shadow:4px 4px  
4px 4px #89AD90; box-shadow:4px 4px 4px  
4px #89AD90 }
```

Background

The CSS property to change the background color of an element to Hex 89AD90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89AD90 }
```

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

```
.background{ background-color:#89AD90 }
```

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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