

Converting Colors

Hex(93AA89)

Have a look what the booklet for
Hex(93AA89) contains.

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Color

Hex(93AA89)

Conversions

Conversions Part 1

Format	Color
Hex	93AA89
RGB	147, 170, 137
RGB Percent	58%, 67%, 54%
CMY	0.4235, 0.3333, 0.4627
CMYK	0.14, 0.00, 0.19, 0.33
HSL	102°, 16%, 60%
HSV	102°, 19%, 67%
XYZ	30.9227, 36.7586, 29.1322
YIQ	159.3610, -3.1150, -15.1390

Conversions

Conversions Part 2

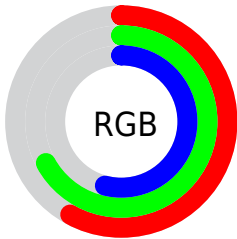
Format	Color
RYB	137, 170, 160
Decimal	9677449
CIELab	67.10, -14.28, 14.39
CIElCh	67, 20.277, 134.779
Yxy	36.7586, 0.3194, 0.3797
Android (android.graphics.Color)	4287867529 (0xFF93AA89)
YUV	159.3610, -11.0240, -10.8406
Hunter-Lab	60.6289, -15.0598, 13.9513

Details

The Hex color **93AA89** is a light color, and the websafe version is hex **999966**. A complement of this color would be **A089AA**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **C9E1BE**, and **607657** is the 20% darker color. If you saturate the color by 10%, you get **87AA78**, and if you desaturate by 10%, it is **9FAA9A**.

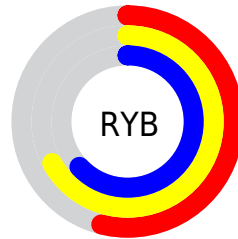
Distribution



Red (58%)

Green (67%)

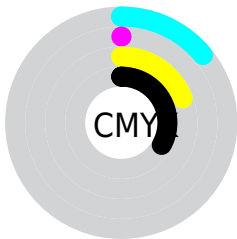
Blue (54%)



Red (54%)

Yellow (67%)

Blue (63%)

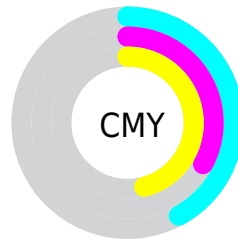


Cyan (14%)

Magenta (0%)

Yellow (19%)

Black (33%)



Cyan (42%)

Magenta (33%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93AA89 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 93AA89 by changing the saturation by 10% instead.



93AA89



93AA89

FFFFFF



798F70



C9E1BE



607657



E5FEDA



485D40



FFFFFF7



314529



1B2F15



031B00



000000



93AA89



93AA89



87AA78



9FAA9A

 7BAA67

 ABAAAB

 6FAA56

 B7AABC

 64AA45

 C2AACD

 58AA34

 CEAADE

 4CAA23

 DAAAEF

 40AA12

 E6AAFF

 34AA01

 F2AAFF

 34AA00

 FEAAFF

Harmonies

Analogous

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



A8A580



93AA89



7FAD99

Triad

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



93AA89



82A8C6



C9969B

Complementary

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



93AA89



A089AA

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.



C297AD



93AA89



9AA2C6

Square

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



93AA89



73ACBC



B19CBD



C6998A

Rectangle

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



93AA89



75AEA6



B19CBD



C896A1

Sweetspot

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



93AA89



D5DED1



AAA089



6B7068



F0F0F0



707070

Same Dimension

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



93AA89



BADEAB



89AA8F



4E544C



2D9400



061400

Inverse Universe

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



A089AA



CEABDE



AA89A4



524C54



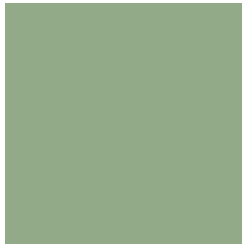
670094



0E0014

Previews

White Background



This preview shows how the Hex color 93AA89 looks on a white background.

Color Contrast Check

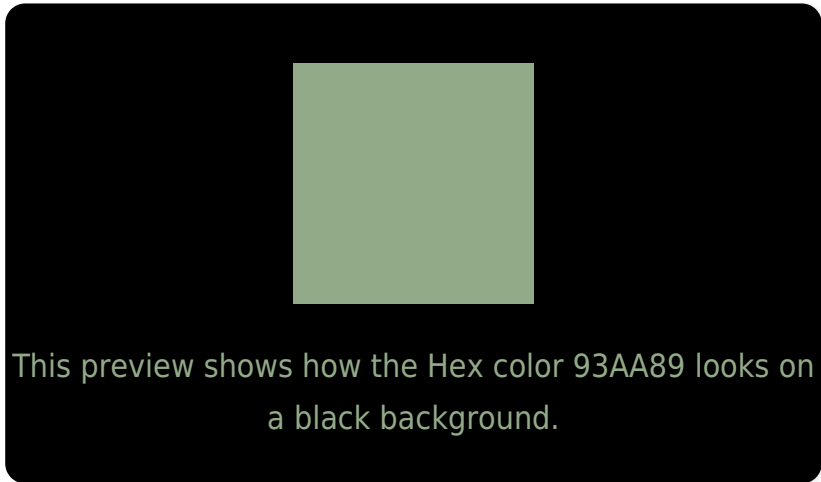
Large Text (above 18pt) WCAG AA × Fail

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

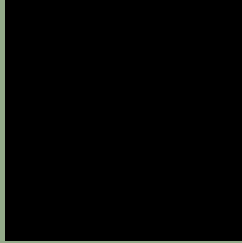
Any Text WCAG AA ✓ Pass

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 93AA89 Background



This preview shows how black text looks on a background with the Hex color 93AA89.

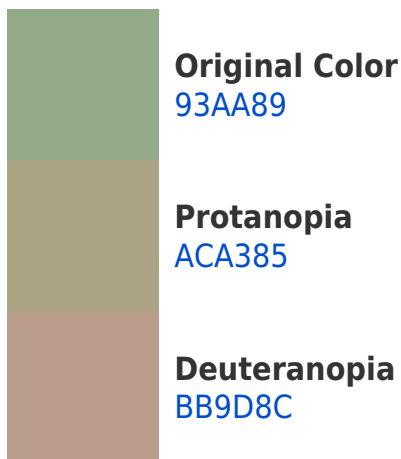


This preview shows how white text looks on a background with the Hex color 93AA89.

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](#).

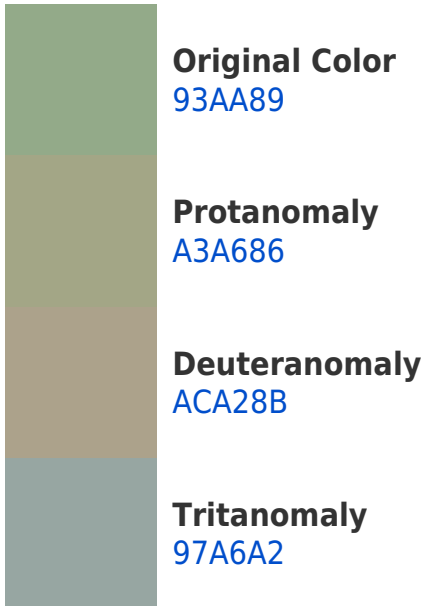
Dichromacy



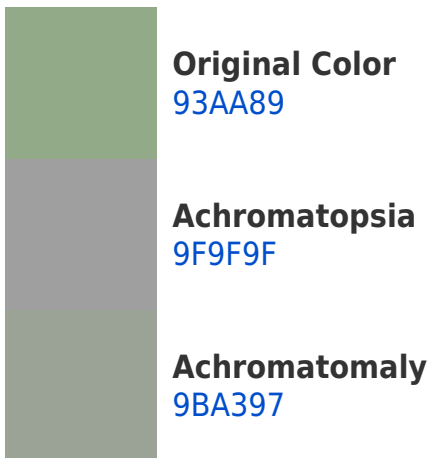


Tritanopia
99A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93AA89 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 #93AA89 looks like.

```
.text, #text, p{  
    color:#93AA89  
}
```

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 #93AA89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93AA89
}
```

Border

The CSS property to change the border of an element to Hex 93AA89 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
#93AA89 }
```

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

```
.border{ border-color:#93AA89 }
```

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

Here you see how a box with a 4 pixel #93AA89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93AA89; -webkit-box-shadow:4px 4px  
4px 4px #93AA89; box-shadow:4px 4px 4px  
4px #93AA89 }
```

Background

The CSS property to change the background color of an element to Hex 93AA89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93AA89 }
```

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

```
.background{ background-color:#93AA89 }
```

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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