

Converting Colors

Hex(93AA84)

Have a look what the booklet for
Hex(93AA84) contains.

Hex(93AA84)	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(93AA84)

Conversions

Conversions Part 1

Format	Color
Hex	93AA84
RGB	147, 170, 132
RGB Percent	58%, 67%, 52%
CMY	0.4235, 0.3333, 0.4824
CMYK	0.14, 0.00, 0.22, 0.33
HSL	96°, 18%, 59%
HSV	96°, 22%, 67%
XYZ	30.5722, 36.6184, 27.2865
YIQ	158.7910, -1.5100, -16.6940

Conversions

Conversions Part 2

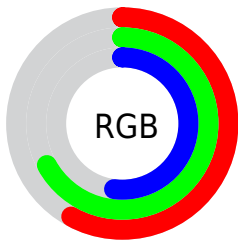
Format	Color
RYB	132, 170, 155
Decimal	9677444
CIELab	66.99, -15.13, 16.99
CIELCh	67, 22.753, 131.684
Yxy	36.6184, 0.3236, 0.3876
Android (android.graphics.Color)	4287867524 (0xFF93AA84)
YUV	158.7910, -13.2080, -10.3407
Hunter-Lab	60.5132, -15.7170, 15.6242

Details

The Hex color **93AA84** is a light color, and the websafe version is hex **999966**. A complement of this color would be **9B84AA**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **C9E1B9**, and **607652** is the 20% darker color. If you saturate the color by 10%, you get **89AA73**, and if you desaturate by 10%, it is **9DAA95**.

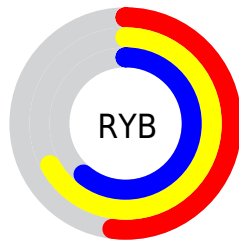
Distribution



Red (58%)

Green (67%)

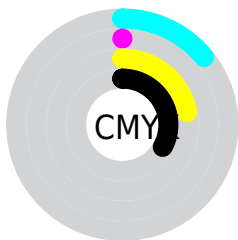
Blue (52%)



Red (52%)

Yellow (67%)

Blue (61%)

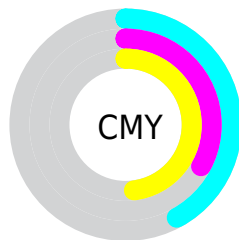


Cyan (14%)

Magenta (0%)

Yellow (22%)

Black (33%)



Cyan (42%)

Magenta (33%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93AA84 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 93AA84 by changing the saturation by 10% instead.



93AA84



93AA84

FFFFFF



798F6B



C9E1B9



607652



E5FED5



485D3B



FFFFF1



314525



1B2F10



001B00



000000



93AA84



93AA84



89AA73



9DAA95

 7EAA62

 A8AAA6

 74AA51

 B2AAB7

 6AAA40

 BCAAC8

 60AA2F

 C6AAD9

 55AA1E

 D1AAEA

 4BAA0D

 DBAAF8

 43AA00

 E5AAFF

 F0AAFF

Harmonies

Analogous

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



AAA47B



93AA84



7CAE95

Triad

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



93AA84



7AA9C9



CD949C

Complementary

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



93AA84



9B84AA

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.



C496B0



93AA84



95A2CB

Square

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



93AA84



6AADB D



B09BC2



CA9789

Rectangle

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



93AA84



70AFA3



B09BC2



CB94A3

Sweetspot

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



93AA84



D4DECE



AA9B84



6B7067



F0F0F0



707070

Same Dimension

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



93AA84



BADEA2



84AA88



4F544C



3A9400



081400

Inverse Universe

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



9B84AA



C6A2DE



AA84A6



514C54



5A0094



0C0014

Previews

White Background



This preview shows how the Hex color 93AA84 looks on a white background.

Color Contrast Check

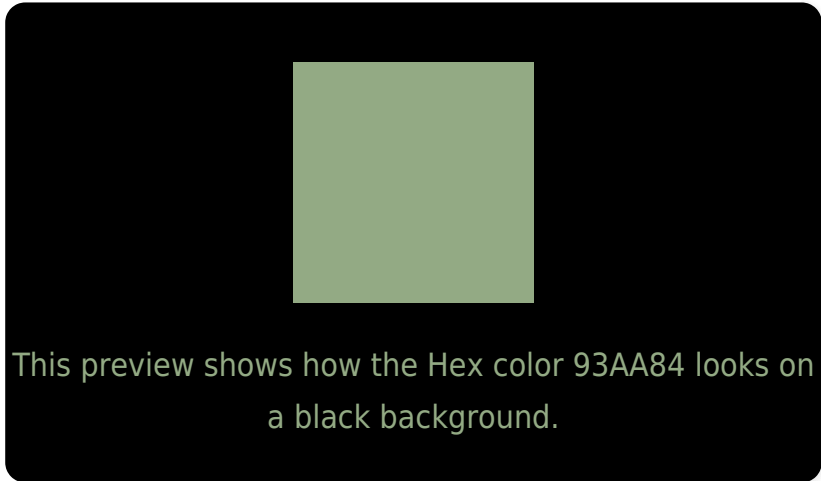
Large Text (above 18pt) WCAG AA × Fail

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

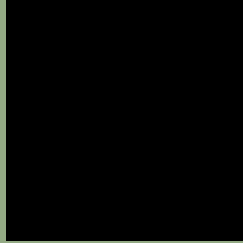
Any Text WCAG AA ✓ Pass

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 93AA84 Background



This preview shows how black text looks on a background with the Hex color 93AA84.

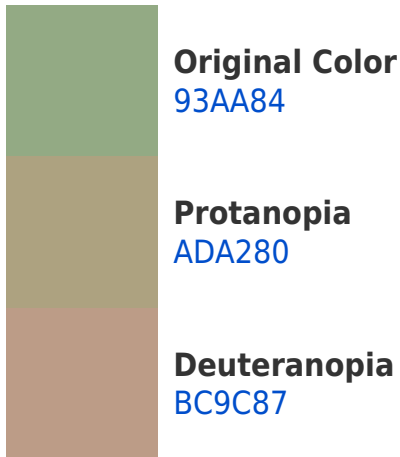


This preview shows how white text looks on a background with the Hex color 93AA84.

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](#).

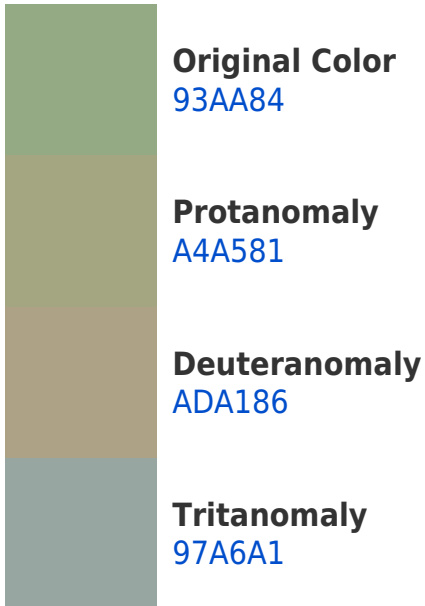
Dichromacy



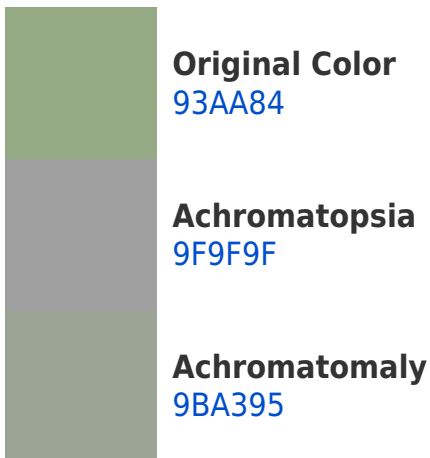


Tritanopia
9AA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93AA84 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 #93AA84 looks like.

```
.text, #text, p{  
    color:#93AA84  
}
```

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 #93AA84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93AA84
}
```

Border

The CSS property to change the border of an element to Hex 93AA84 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
#93AA84 }
```

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

```
.border{ border-color:#93AA84 }
```

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

Here you see how a box with a 4 pixel #93AA84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93AA84; -webkit-box-shadow:4px 4px  
4px 4px #93AA84; box-shadow:4px 4px 4px  
4px #93AA84 }
```

Background

The CSS property to change the background color of an element to Hex 93AA84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93AA84 }
```

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

```
.background{ background-color:#93AA84 }
```

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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