

# Converting Colors

Hex(99AC92)

Have a look what the booklet for  
Hex(99AC92) contains.

<b>Hex(99AC92)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(99AC92)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99AC92
RGB	153, 172, 146
RGB Percent	60%, 67%, 57%
CMY	0.4000, 0.3255, 0.4275
CMYK	0.11, 0.00, 0.15, 0.33
HSL	104°, 14%, 62%
HSV	104°, 15%, 67%
XYZ	33.0777, 38.3527, 32.8536
YIQ	163.3550, -2.9780, -12.1140

# Conversions

## Conversions Part 2

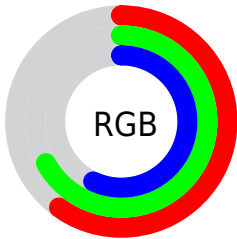
Format	Color
<a href="#">RYB</a>	<a href="#">146, 172, 165</a>
Decimal	<a href="#">10071186</a>
CIELab	<a href="#">68.28, -11.58, 11.17</a>
CIELCh	<a href="#">68, 16.085, 136.036</a>
Yxy	<a href="#">38.3527, 0.3172, 0.3678</a>
Android (android.graphics.Color)	<a href="#">4288261266</a> ( <a href="#">0xFF99AC92</a> )
YUV	<a href="#">163.3550, -8.5560, -9.0813</a>
Hunter-Lab	<a href="#">61.9295, -13.0366, 11.8974</a>

# Details

The Hex color **99AC92** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A592AC**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **CFE3C8**, and **66785F** is the 20% darker color. If you saturate the color by 10%, you get **8CAC81**, and if you desaturate by 10%, it is **A6ACA3**.

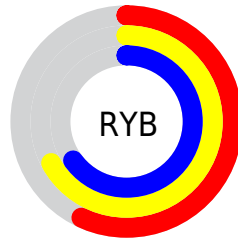
# Distribution



Red (60%)

Green (67%)

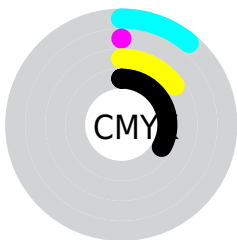
Blue (57%)



Red (57%)

Yellow (67%)

Blue (65%)

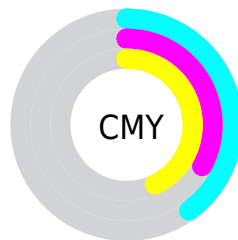


Cyan (11%)

Magenta (0%)

Yellow (15%)

Black (33%)



Cyan (40%)

Magenta (33%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99AC92 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 99AC92 by changing the saturation by 10% instead.





99AC92



99AC92

FFFFFF



7F9178



CFE3C8



66785F



ECFE4



4E5F48



374731



21311C



0D1C02



000000



99AC92



99AC92



8CAC81



A6ACA3

 80AC70

 B2ACB4

 73AC5E

 BFACC6

 67AC4D

 CBACD7

 5AAC3C

 D8ACE8

 4EAC2B

 E4ACF9

 41AC1A

 F1ACFF

 34AC08

 FEACFF

 2EAC00

 FFACFF

# Harmonies

## Analogous

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



AAA88B



99AC92



8AAE9F

# Triad

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



99AC92



8EAAC2



C59D9F

# Complementary

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



99AC92



A592AC

# 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.



C09DAE



99AC92



A0A5C2

# Square

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



99AC92



82ADBB



B3A0BB



C29F92

# Rectangle

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



99AC92



83AFA9



B3A0BB



C49CA4



# Sweetspot

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



99AC92



D8E0D5



ACA592



6B7069



F0F0F0



707070



# Same Dimension

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



99AC92



C3E0B8



92AC98



50574E



299600



061700



# Inverse Universe

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



A592AC



D6B8E0



AC92A6



544E57



6E0096

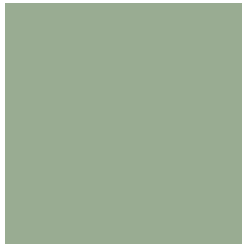


110017



# Previews

## White Background



This preview shows how the Hex color 99AC92 looks on a white background.

## Color Contrast Check

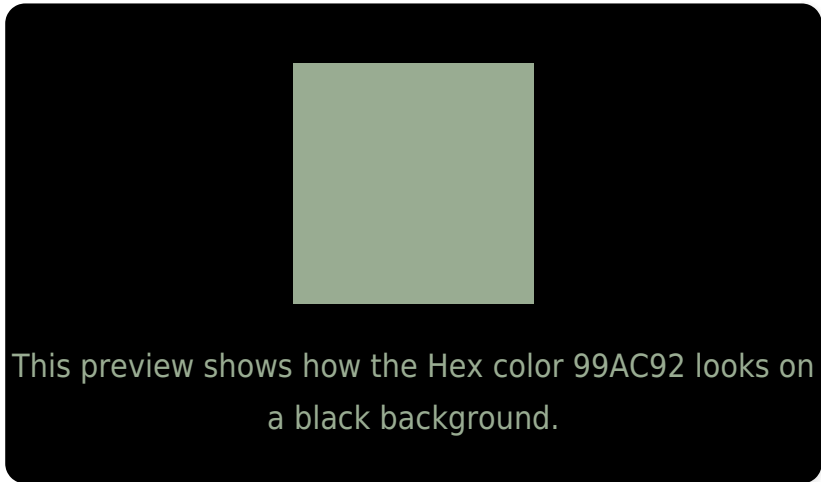
Large Text (above 18pt) WCAG AA × Fail

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

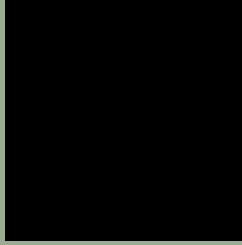
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

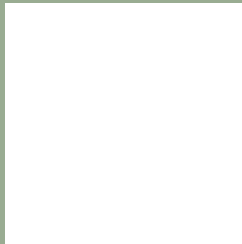
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99AC92 Background



This preview shows how black text looks on a background with the Hex color 99AC92.

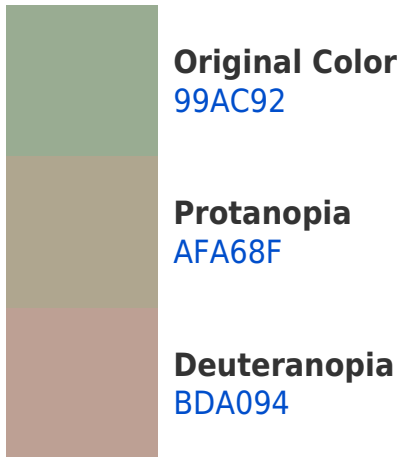


This preview shows how white text looks on a background with the Hex color 99AC92.

# 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](#).

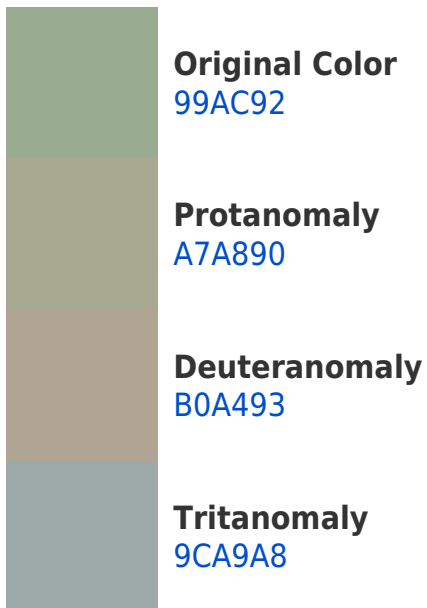
## Dichromacy



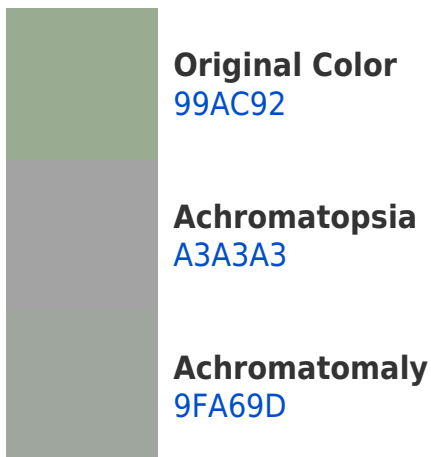


**Tritanopia**  
9EA7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99AC92 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 #99AC92 looks like.

```
.text, #text, p{  
    color:#99AC92  
}
```

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 #99AC92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99AC92
}
```

## Border

The CSS property to change the border of an element to Hex 99AC92 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
#99AC92 }
```

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

```
.border{ border-color:#99AC92 }
```

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

Here you see how a box with a 4 pixel #99AC92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99AC92; -webkit-box-shadow:4px 4px  
4px 4px #99AC92; box-shadow:4px 4px 4px  
4px #99AC92 }
```

# Background

The CSS property to change the background color of an element to Hex 99AC92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99AC92 }
```

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

```
.background{ background-color:#99AC92 }
```

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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