

# Converting Colors

Hex(94A586)

Have a look what the booklet for  
Hex(94A586) contains.

<b>Hex(94A586)</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(94A586)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94A586
RGB	148, 165, 134
RGB Percent	58%, 65%, 53%
CMY	0.4196, 0.3529, 0.4745
CMYK	0.10, 0.00, 0.19, 0.35
HSL	93°, 15%, 59%
HSV	93°, 19%, 65%
XYZ	29.9710, 34.9274, 27.7163
YIQ	156.3830, -0.1810, -13.2450

# Conversions

## Conversions Part 2

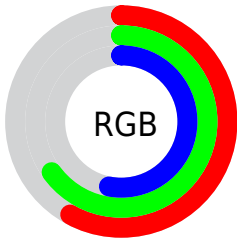
Format	Color
<a href="#">RYB</a>	<a href="#">134, 165, 151</a>
Decimal	<a href="#">9741702</a>
CIELab	<a href="#">65.69, -11.80, 14.10</a>
CIELCh	<a href="#">66, 18.382, 129.929</a>
Yxy	<a href="#">34.9274, 0.3236, 0.3771</a>
Android (android.graphics.Color)	<a href="#">4287931782 (0xFF94A586)</a>
YUV	<a href="#">156.3830, -11.0348, -7.3519</a>
Hunter-Lab	<a href="#">59.0994, -12.9016, 13.5639</a>

# Details

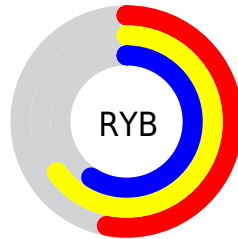
The Hex color **94A586** is a light color, and the websafe version is hex **999966**. A complement of this color would be **9786A5**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CADCBB**, and **617154** is the 20% darker color. If you saturate the color by 10%, you get **8BA576**, and if you desaturate by 10%, it is **9DA596**.

# Distribution



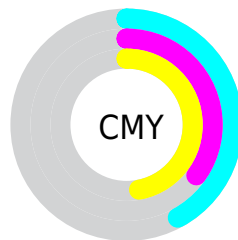
- Red (58%)
- Green (65%)
- Blue (53%)



- Red (53%)
- Yellow (65%)
- Blue (59%)



- Cyan (10%)
- Magenta (0%)
- Yellow (19%)
- Black (35%)



- Cyan (42%)
- Magenta (35%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94A586 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 94A586 by changing the saturation by 10% instead.





94A586



94A586

FFFFFF



7A8B6D



CADCBB



617154



E6F9D7



49593D



FFFFF3



324127



1D2B12



011700



000000



94A586



94A586



8BA576



9DA596

 82A565

 A6A5A7

 79A554

 AFA5B7

 70A544

 B8A5C8

 67A533

 C1A5D8

 5EA523

 CAA5E9

 55A513

 D3A5FA

 4CA502

 DCA5FF

 4BA500

 E5A5FF

# Harmonies

## Analogous

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



A7A07F



94A586



82A894

# Triad

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



94A586



7FA4BE



C2949B

# Complementary

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



94A586



9786A5

# 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.



BA95AB



94A586



949FC0

# Square

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



94A586



74A8B4



A99AB9



C0968B

# Rectangle

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



94A586



79A99F



A99AB9



C094A0



# Sweetspot

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



94A586



CFD6C9



A59786



676B64



EBEBEB



6B6B6B



# Same Dimension

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



94A586



BBD6A5



86A587



4D5249



429100



081200



# Inverse Universe

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



9786A5



C0A5D6



A586A4



4E4952



500091



0A0012



# Previews

## White Background



This preview shows how the Hex color 94A586 looks on a white background.

## Color Contrast Check

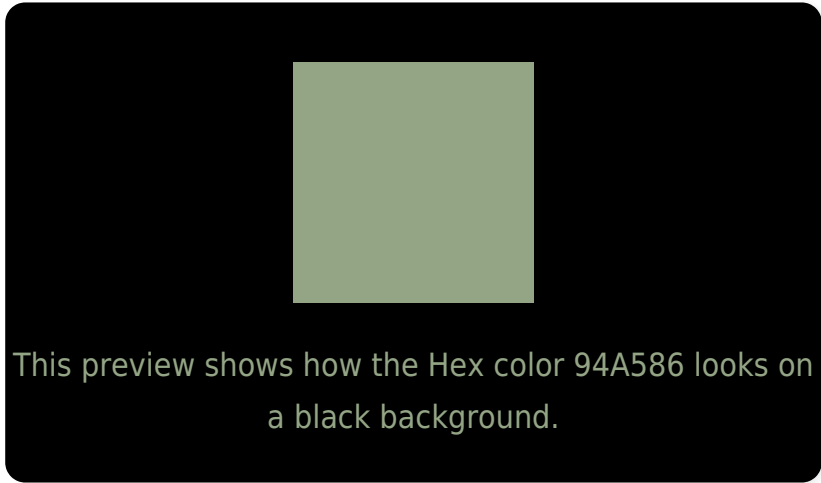
Large Text (above 18pt) WCAG AA × Fail

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

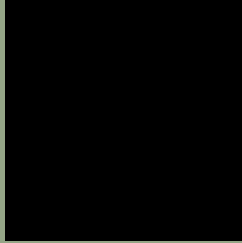
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

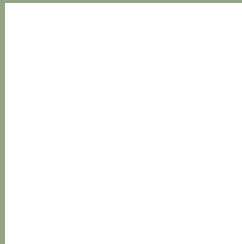
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94A586 Background



This preview shows how black text looks on a background with the Hex color 94A586.

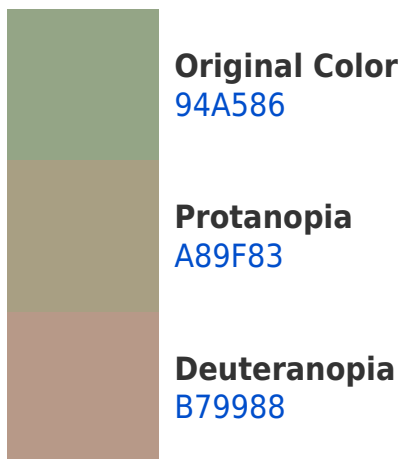


This preview shows how white text looks on a background with the Hex color 94A586.

# 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](#).

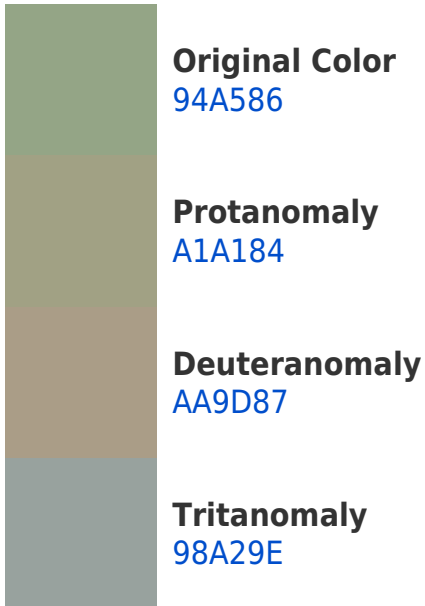
## Dichromacy



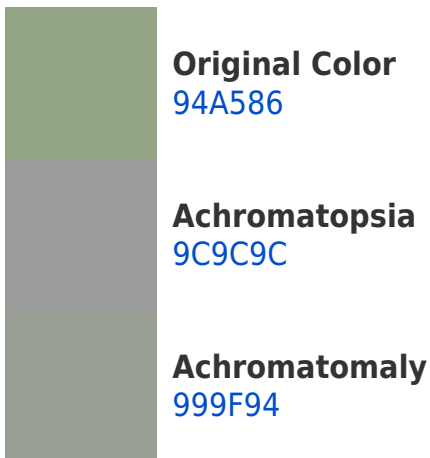


**Tritanopia**  
9AA0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94A586 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 #94A586 looks like.

```
.text, #text, p{  
    color:#94A586  
}
```

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 #94A586 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94A586
}
```

## Border

The CSS property to change the border of an element to Hex 94A586 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
#94A586 }
```

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

```
.border{ border-color:#94A586 }
```

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

Here you see how a box with a 4 pixel #94A586 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94A586; -webkit-box-shadow:4px 4px  
4px 4px #94A586; box-shadow:4px 4px 4px  
4px #94A586 }
```

# Background

The CSS property to change the background color of an element to Hex 94A586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94A586 }
```

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

```
.background{ background-color:#94A586 }
```

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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