

# Converting Colors

Hex(94A584)

Have a look what the booklet for  
Hex(94A584) contains.

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# **Color**

**Hex(94A584)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	94A584
RGB	148, 165, 132
RGB Percent	58%, 65%, 52%
CMY	0.4196, 0.3529, 0.4824
CMYK	0.10, 0.00, 0.20, 0.35
HSL	91°, 15%, 58%
HSV	91°, 20%, 65%
XYZ	29.8327, 34.8721, 26.9884
YIQ	156.1550, 0.4610, -13.8670

# Conversions

## Conversions Part 2

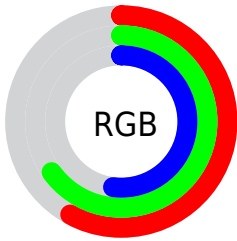
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 165, 149
Decimal	9741700
CIELab	65.65, -12.14, 15.14
CIELCh	66, 19.405, 128.714
Yxy	34.8721, 0.3254, 0.3803
Android (android.graphics.Color)	4287931780 (0xFF94A584)
YUV	156.1550, -11.9084, -7.1519
Hunter-Lab	59.0526, -13.1658, 14.2399

# Details

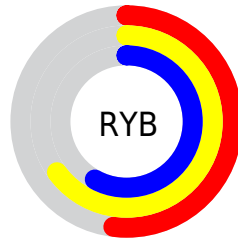
The Hex color **94A584** is a light color, and the websafe version is hex **999966**. A complement of this color would be **9584A5**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CADCB9**, and **617152** is the 20% darker color. If you saturate the color by 10%, you get **8BA573**, and if you desaturate by 10%, it is **9CA594**.

# Distribution



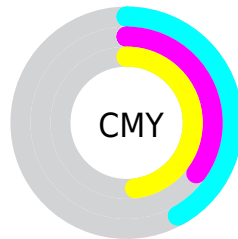
- Red (58%)
- Green (65%)
- Blue (52%)



- Red (52%)
- Yellow (65%)
- Blue (58%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (35%)



- Cyan (42%)
- Magenta (35%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94A584 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 94A584 by changing the saturation by 10% instead.





94A584



94A584

FFFFFF



7A8B6B



CADCB9



617152



E6F9D5



49593B



FFFFF1



324125



1D2B11



001700



000000



94A584



94A584



8BA573



9CA594

 83A563

 A5A5A5

 7AA552

 ADA5B6

 72A542

 B6A5C6

 6AA532

 BEA5D6

 61A521

 C7A5E7

 59A510

 CFA5F7

 50A500

 D8A5FF

 E0A5FF

# Harmonies

## Analogous

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



A8A07D



94A584



81A892

# Triad

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



94A584



7CA5BF



C3939B

# Complementary

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



94A584



9584A5

# 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.



BA95AC



94A584



929FC2

# Square

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



94A584



70A8B5



A999BB



C2958A

# Rectangle

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



94A584



76A99E



A999BB



C193A1



# Sweetspot

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



94A584



D0D6C9



A59484



676B64



EBEBEB



6B6B6B



# Same Dimension

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



94A584



BCD6A3



84A584



4D5249



469100



091200



# Inverse Universe

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



9584A5



BDA3D6



A584A5



4E4952



4B0091



090012



# Previews

## White Background



This preview shows how the Hex color 94A584 looks on a white background.

## Color Contrast Check

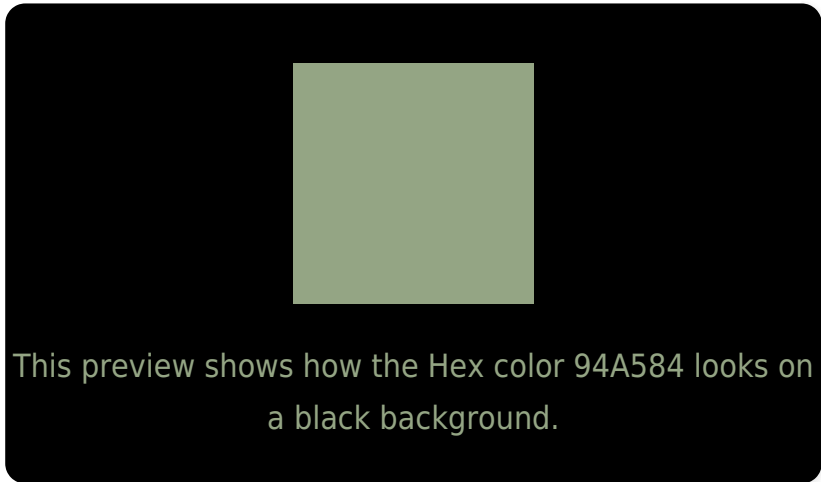
Large Text (above 18pt) WCAG AA × Fail

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

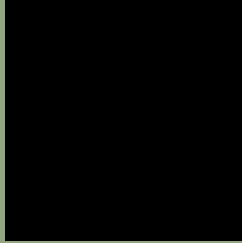
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

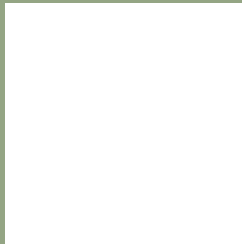
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94A584 Background



This preview shows how black text looks on a background with the Hex color 94A584.

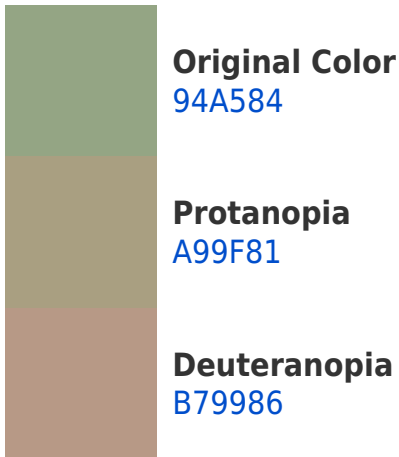


This preview shows how white text looks on a background with the Hex color 94A584.

# 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](#).

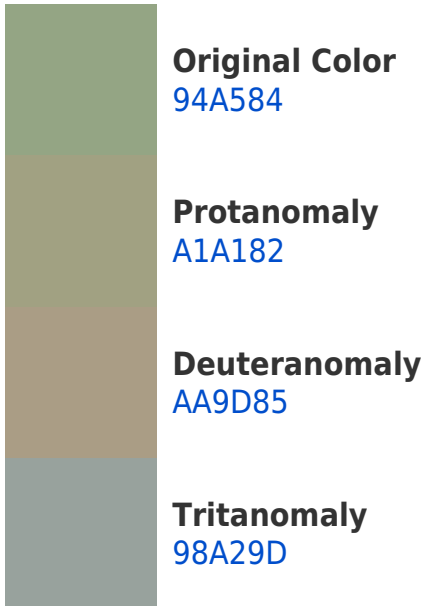
## Dichromacy



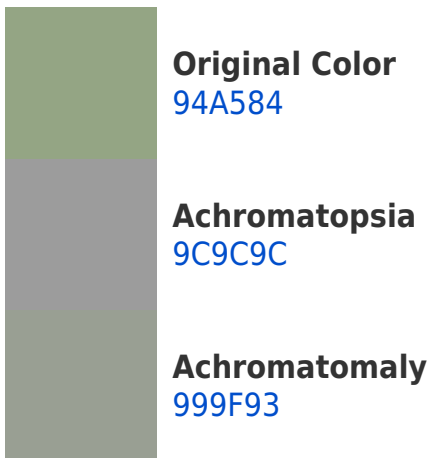


**Tritanopia**  
9AA0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94A584 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 #94A584 looks like.

```
.text, #text, p{  
    color:#94A584  
}
```

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 #94A584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94A584
}
```

## Border

The CSS property to change the border of an element to Hex 94A584 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
#94A584 }
```

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

```
.border{ border-color:#94A584 }
```

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

Here you see how a box with a 4 pixel #94A584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94A584; -webkit-box-shadow:4px 4px  
4px 4px #94A584; box-shadow:4px 4px 4px  
4px #94A584 }
```

# Background

The CSS property to change the background color of an element to Hex 94A584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94A584 }
```

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

```
.background{ background-color:#94A584 }
```

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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