

# Converting Colors

Hex(94C795)

Have a look what the booklet for  
Hex(94C795) contains.

<b>Hex(94C795)</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(94C795)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94C795
RGB	148, 199, 149
RGB Percent	58%, 78%, 58%
CMY	0.4196, 0.2196, 0.4157
CMYK	0.26, 0.00, 0.25, 0.22
HSL	121°, 31%, 68%
HSV	121°, 26%, 78%
XYZ	38.0610, 49.3127, 35.9460
YIQ	178.0510, -14.3460, -26.3620

# Conversions

## Conversions Part 2

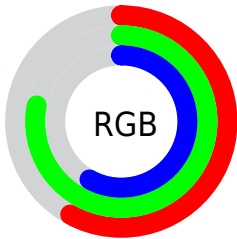
Format	Color
<a href="#">RYB</a>	<a href="#">148, 198, 199</a>
Decimal	<a href="#">9750421</a>
CIELab	<a href="#">75.65, -26.48, 19.78</a>
CIElCh	<a href="#">76, 33.057, 143.242</a>
Yxy	<a href="#">49.3127, 0.3086, 0.3999</a>
Android (android.graphics.Color)	<a href="#">4287940501</a> <a href="#">(0xFF94C795)</a>
YUV	<a href="#">178.0510, -14.3221, -26.3547</a>
Hunter-Lab	<a href="#">70.2230, -26.1429, 18.8065</a>

# Details

The Hex color **94C795** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C794C6**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **CBFFCB**, and **609162** is the 20% darker color. If you saturate the color by 10%, you get **80C781**, and if you desaturate by 10%, it is **A8C7A9**.

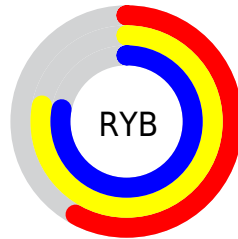
# Distribution



Red (58%)

Green (78%)

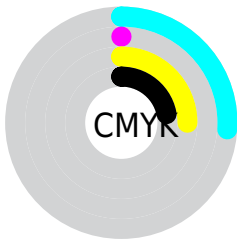
Blue (58%)



Red (58%)

Yellow (78%)

Blue (78%)

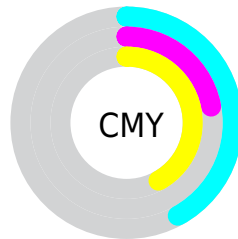


Cyan (26%)

Magenta (0%)

Yellow (25%)

Black (22%)



Cyan (42%)

Magenta (22%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94C795 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 94C795 by changing the saturation by 10% instead.



 94C795

 94C795

FFFFFF

 7AAC7B

 CBFFCB

 609162

 E7FFE7

 47774A

 2E5E33

 15461D

 002F06

 001C00

 000000

 94C795

 94C795

 80C781

 A8C7A9

 6CC76E

 BCC7BC

 58C75A

 D0C7D0

 44C747

 E4C7E3

 31C733

 F8C7F7

 1DC720

 FFC7FF

 09C70C

 00C704

# Harmonies

## Analogous

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



B7C082



94C795



71CBB2

# Triad

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



94C795



88BFF6



F7A5A4

# Complementary

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



94C795



C794C6

# 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.



F2A4C3



94C795



B5B5F2

# Square

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



94C795



60C7EA



DBABDF



EDAC8B

# Rectangle

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



94C795



5ECBC7



DBABDF



F7A4AE



# Sweetspot

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



94C795



EBFFEB



C6C794



738073



000000



808080

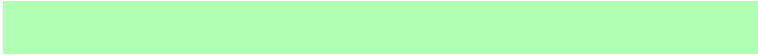


# Same Dimension

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



94C795



B0FFB2



94C7AE



5A635A



00A303



002401



# Inverse Universe

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



C794C6



FFB0FD



C794AD



635A63



A300A0



240023



# Previews

## White Background



This preview shows how the Hex color 94C795 looks on a white background.

## Color Contrast Check

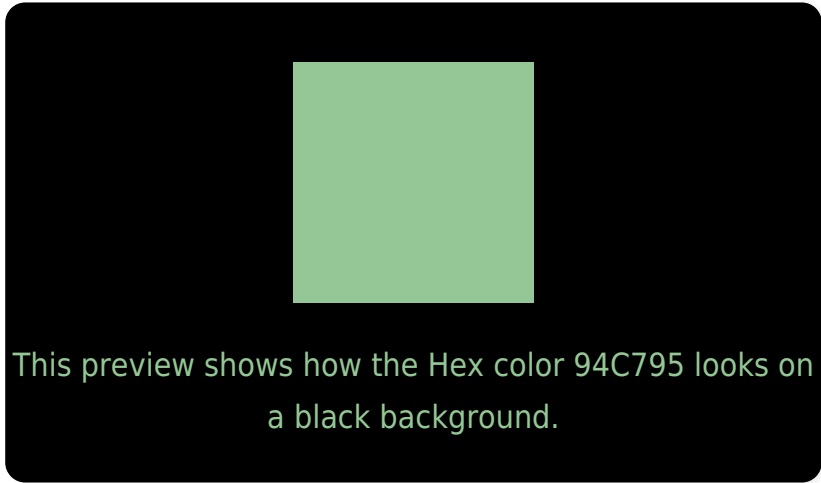
Large Text (above 18pt) WCAG AA × Fail

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

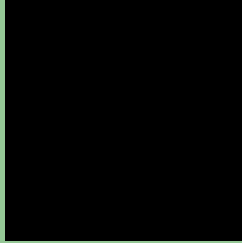
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 94C795 Background



This preview shows how black text looks on a background with the Hex color 94C795.

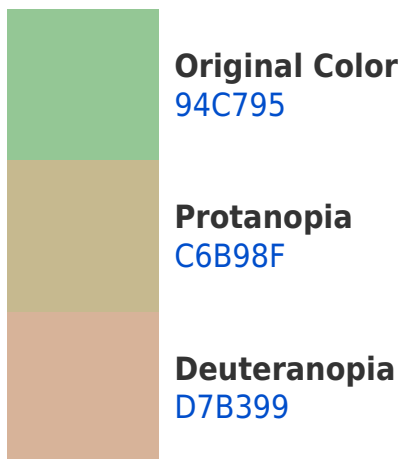


This preview shows how white text looks on a background with the Hex color 94C795.

# 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](#).

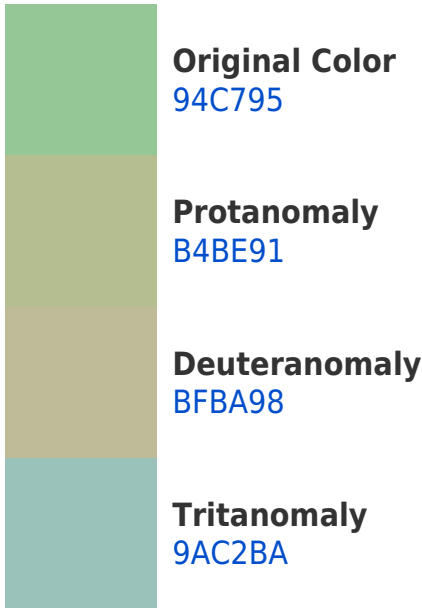
## Dichromacy



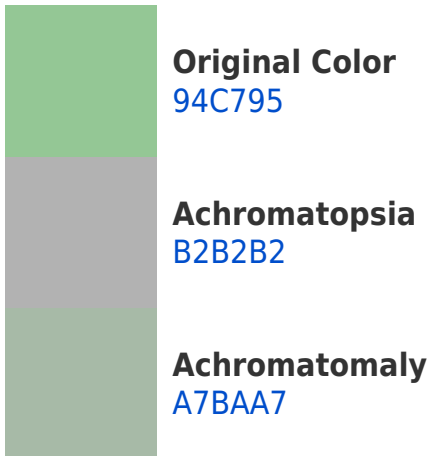


**Tritanopia**  
9EBFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94C795 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 #94C795 looks like.

```
.text, #text, p{  
    color:#94C795  
}
```

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 #94C795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94C795
}
```

## Border

The CSS property to change the border of an element to Hex 94C795 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
#94C795 }
```

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

```
.border{ border-color:#94C795 }
```

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

Here you see how a box with a 4 pixel #94C795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94C795; -webkit-box-shadow:4px 4px  
4px 4px #94C795; box-shadow:4px 4px 4px  
4px #94C795 }
```

# Background

The CSS property to change the background color of an element to Hex 94C795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94C795 }
```

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

```
.background{ background-color:#94C795 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor