

# Converting Colors

Hex(94CA68)

Have a look what the booklet for  
Hex(94CA68) contains.

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**Color**

**Hex(94CA68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94CA68
RGB	148, 202, 104
RGB Percent	58%, 79%, 41%
CMY	0.4196, 0.2078, 0.5922
CMYK	0.27, 0.00, 0.49, 0.21
HSL	93°, 48%, 60%
HSV	93°, 49%, 79%
XYZ	35.8320, 49.5364, 20.7696
YIQ	174.6820, -0.7260, -41.9260

# Conversions

## Conversions Part 2

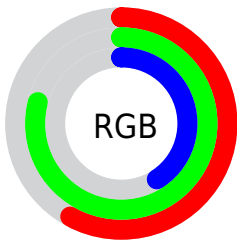
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 202, 158</a>
Decimal	<a href="#">9751144</a>
CIELab	<a href="#">75.78, -34.42, 43.12</a>
CIELCh	<a href="#">76, 55.172, 128.599</a>
Yxy	<a href="#">49.5364, 0.3376, 0.4667</a>
Android (android.graphics.Color)	<a href="#">4287941224</a> ( <a href="#">0xFF94CA68</a> )
YUV	<a href="#">174.6820, -34.8462, -23.4001</a>
Hunter-Lab	<a href="#">70.3821, -32.2933, 31.7711</a>

# Details

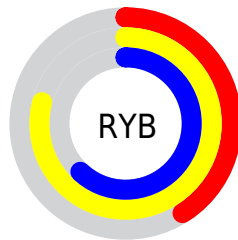
The Hex color **94CA68** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9E68CA**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **CCFF9D**, and **5E9435** is the 20% darker color. If you saturate the color by 10%, you get **89CA54**, and if you desaturate by 10%, it is **9FCA7C**.

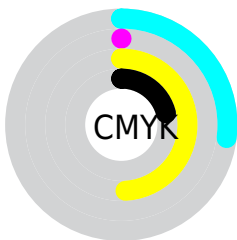
# Distribution



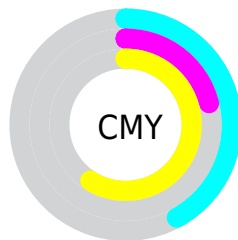
- Red (58%)
- Green (79%)
- Blue (41%)



- Red (41%)
- Yellow (79%)
- Blue (62%)



- Cyan (27%)
- Magenta (0%)
- Yellow (49%)
- Black (21%)



- Cyan (42%)
- Magenta (21%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94CA68 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 94CA68 by changing the saturation by 10% instead.



 94CA68

 94CA68

FFFFFF

 79AE4E

 CCFF9D

 5E9435

 E9FFB8

 447A1B

 FFFFD5

 296000

 FFFFF1

 0D4800

 003100

 001D00

 000000

 94CA68

 94CA68

 89CA54

 9FCA7C

 7ECA40

 AACAA0

 73CA2B

 B5CAA5

 67CA17

 C1CAB9

 5CCA03

 CCCACD

 5BCA00

 D7CAE1

 E2CAF5

 EDCAFF

 F8CAFF

# Harmonies

## Analogous

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



CBB52



94CA68



48D294

# Triad

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



94CA68



00CAFF



FF8FAE

# Complementary

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



94CA68



9E68CA

# 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.



FF96E1



94CA68



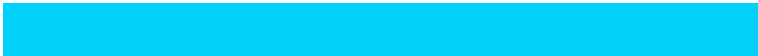
7EBBFF

# Square

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



94CA68



00D2F9



D2A8FF



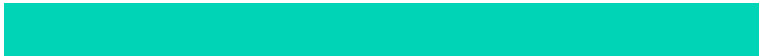
FF997E

# Rectangle

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



94CA68



00D4B7



D2A8FF



FF90BF



# Sweetspot

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



94CA68



EAFD9



CA9E68



738069



000000



808080

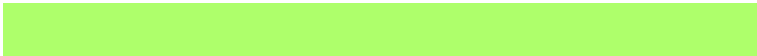


# Same Dimension

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



94CA68



AEFF6B



68CA6D



60665C



4AA600



112600



# Inverse Universe

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



9E68CA



BD6BFF



CA68C5



615C66



5B00A6



150026



# Previews

## White Background



This preview shows how the Hex color 94CA68 looks on a white background.

## Color Contrast Check

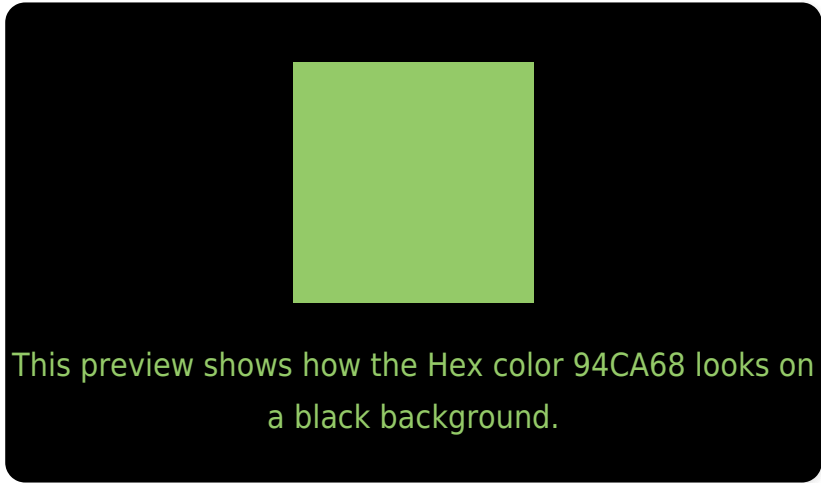
Large Text (above 18pt) WCAG AA × Fail

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 94CA68 Background



This preview shows how black text looks on a background with the Hex color 94CA68.

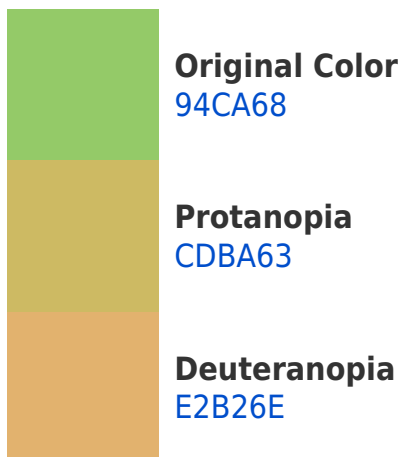


This preview shows how white text looks on a background with the Hex color 94CA68.

# 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](#).

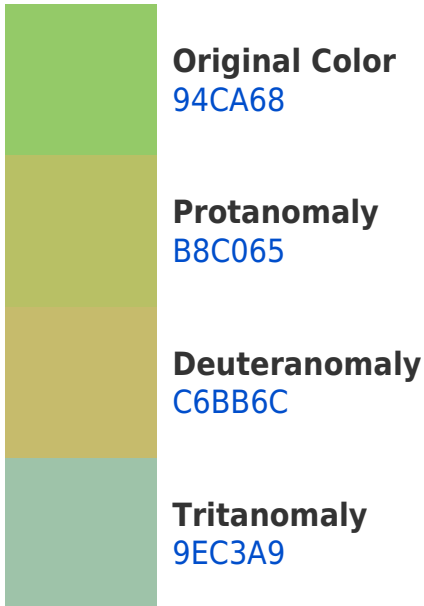
## Dichromacy



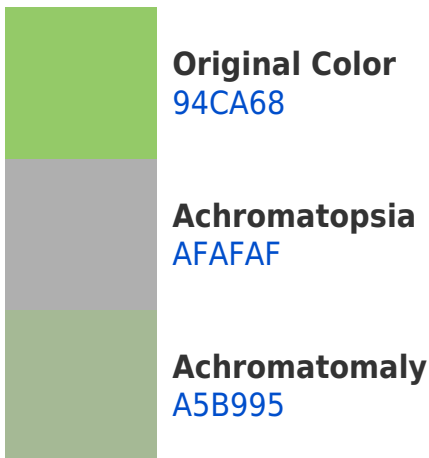


**Tritanopia**  
A3BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94CA68 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 #94CA68 looks like.

```
.text, #text, p{  
    color:#94CA68  
}
```

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 #94CA68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94CA68  
}
```

## Border

The CSS property to change the border of an element to Hex 94CA68 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  
#94CA68 }
```

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

```
.border{ border-color:#94CA68 }
```

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

Here you see how a box with a 4 pixel #94CA68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94CA68; -webkit-box-shadow:4px 4px  
4px 4px #94CA68; box-shadow:4px 4px 4px  
4px #94CA68 }
```

# Background

The CSS property to change the background color of an element to Hex 94CA68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94CA68 }
```

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

```
.background{ background-color:#94CA68 }
```

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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