

# Converting Colors

Hex(94CACC)

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

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# **Color**

**Hex(94CACC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94CACC
RGB	148, 202, 204
RGB Percent	58%, 79%, 80%
CMY	0.4196, 0.2078, 0.2000
CMYK	0.27, 0.01, 0.00, 0.20
HSL	182°, 35%, 69%
HSV	182°, 27%, 80%
XYZ	44.2324, 52.8966, 65.0055
YIQ	186.0820, -32.8260, -10.8260

# Conversions

## Conversions Part 2

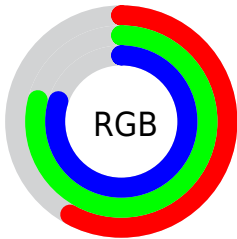
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 175, 204
Decimal	9751244
CIELab	77.81, -16.90, -6.66
CIELCh	78, 18.166, 201.504
Yxy	52.8966, 0.2728, 0.3263
Android (android.graphics.Color)	4287941324 (0xFF94CACC)
YUV	186.0820, 8.8336, -33.3979
Hunter-Lab	72.7300, -18.7189, -2.0819

# Details

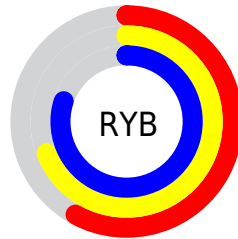
The Hex color **94CACC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CC9694**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **CBFFFF**, and **5F9496** is the 20% darker color. If you saturate the color by 10%, you get **80C9CC**, and if you desaturate by 10%, it is **A8CBCC**.

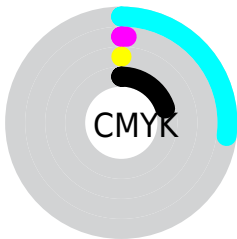
# Distribution



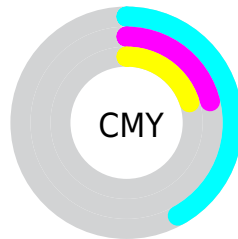
- Red (58%)
- Green (79%)
- Blue (80%)



- Red (58%)
- Yellow (69%)
- Blue (80%)



- Cyan (27%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (42%)
- Magenta (21%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



 94CACC

 94CACC

FFFFFF

 79AFB1

 CBFFFF

 5F9496

 E8FFFF

 457A7C

 2C6163

 0F494B

 003235

 001E20

 000007

 000000

 94CACC

 94CACC

 80C9CC

 A8CBCC

 6BC9CC

 BDCBCC

 57C8CC

 D1CCCC

 42C7CC

 E6CDCC

 2EC6CC

 FACECC

 1AC6CC

 FFCECC

 05C5CC

 FFCFCC

 00C5CC

 FFD0CC

 FFD1CC

# Harmonies

## Analogous

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



9DCABB



94CACC



98C8DA

# Triad

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



94CACC



D2B8D5



D2BE9F

# Complementary

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



94CACC



CC9694

# 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.



DFB8A7



94CACC



DFB5C6

# Square

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



94CACC



BDBEE0



E4B5B5



C1C3A1

# Rectangle

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



94CACC



A1C5E0



E4B5B5



D7BCA1

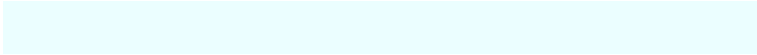


# Sweetspot

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



94CACC



EBFEFF



94CC96



737F80



000000



808080



# Same Dimension

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



94CACC



ABFCFF



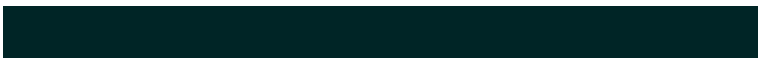
94AECC



5C6666



00A0A6



002526



# Inverse Universe

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



CC94CA



FFABFC



CCB294



665C66



A600A0

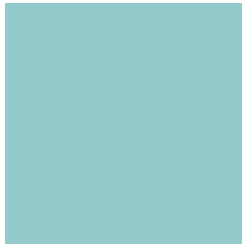


260025



# Previews

## White Background



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

## Color Contrast Check

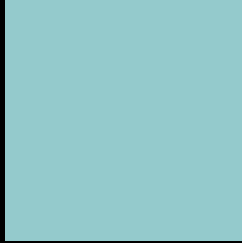
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 94CACC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

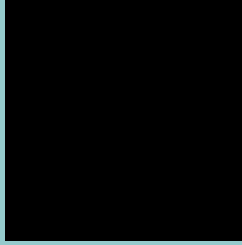
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

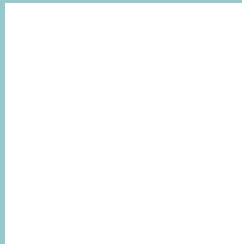
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94CACC Background



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

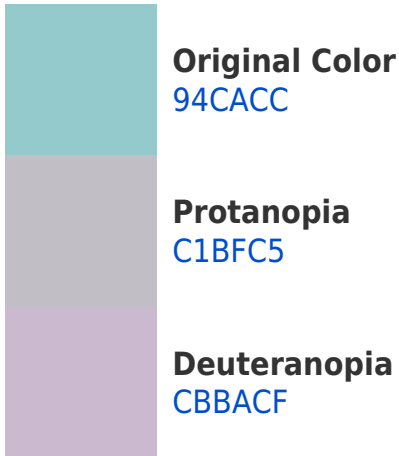


This preview shows how white text looks on a background with the Hex color 94CACC.

# 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](#).

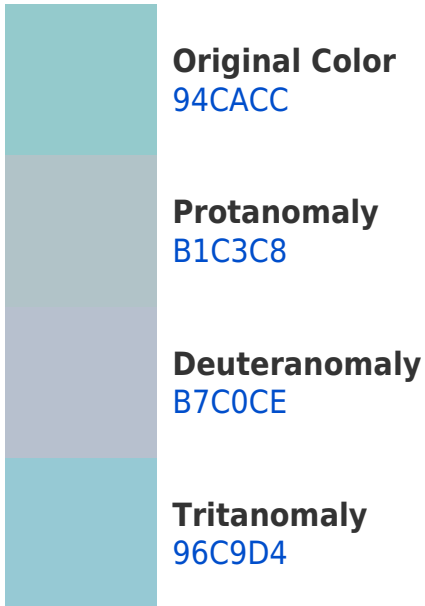
## Dichromacy



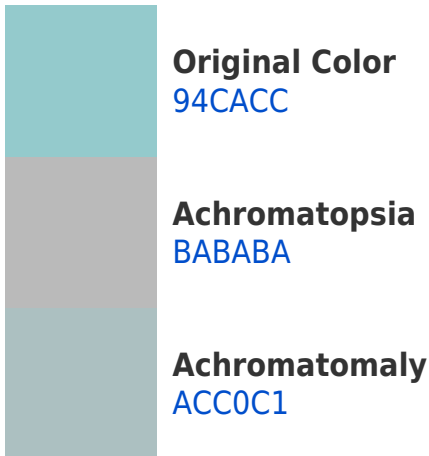


**Tritanopia**  
97C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #94CACC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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