

# Converting Colors

Hex(94D6CF)

Have a look what the booklet for  
Hex(94D6CF) contains.

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# **Color**

**Hex(94D6CF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94D6CF
RGB	148, 214, 207
RGB Percent	58%, 84%, 81%
CMY	0.4196, 0.1608, 0.1882
CMYK	0.31, 0.00, 0.03, 0.16
HSL	174°, 45%, 71%
HSV	174°, 31%, 84%
XYZ	47.5218, 58.8940, 67.8945
YIQ	193.4680, -37.0890, -16.1690

# Conversions

## Conversions Part 2

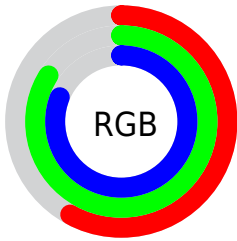
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 183, 214
Decimal	9754319
CIELab	81.23, -22.26, -3.22
CIElCh	81, 22.496, 188.235
Yxy	58.8940, 0.2726, 0.3379
Android (android.graphics.Color)	4287944399 (0xFF94D6CF)
YUV	193.4680, 6.6713, -39.8754
Hunter-Lab	76.7424, -23.7654, 1.2655

# Details

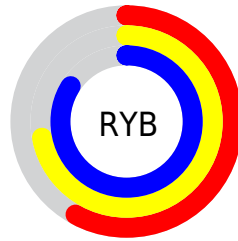
The Hex color **94D6CF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D6949B**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **CCFFFF**, and **5E9F99** is the 20% darker color. If you saturate the color by 10%, you get **7FD6CD**, and if you desaturate by 10%, it is **A9D6D1**.

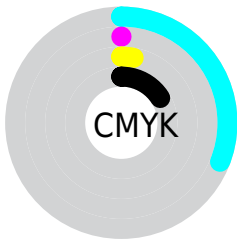
# Distribution



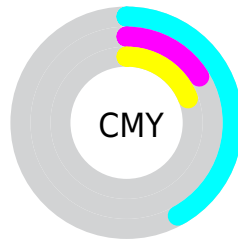
- Red (58%)
- Green (84%)
- Blue (81%)



- Red (58%)
- Yellow (72%)
- Blue (84%)



- Cyan (31%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (42%)
- Magenta (16%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94D6CF 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 94D6CF by changing the saturation by 10% instead.



 94D6CF

 94D6CF

FFFFFF

 79BAB3

 CCFFFF

 5E9F99

 E9FFFF

 44857F

 296B66

 06534E

 003B37

 002522

 00090C

 000000

 94D6CF

 94D6CF

 7FD6CD

 A9D6D1

 69D6CA

 BFD6D4

 54D6C8

 D4D6D6

 3ED6C6

 EAD6D8

 29D6C4

 FFD6DA

 14D6C1

 FFD6DD

 00D6BF

 FFD6DF

 FFD6E1

 FFD6E3

# Harmonies

## Analogous

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



A5D5BA



94D6CF



91D5E3

# Triad

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



94D6CF



D5C2EB



E8C3A3

# Complementary

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



94D6CF



D6949B

# 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.



F4BDB1



94D6CF



EABDDA

# Square

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



94D6CF



B9CAF3



F5BBC5



D4CAA0

# Rectangle

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



94D6CF



99D2ED



F5BBC5



EDC1A7



# Sweetspot

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



94D6CF



E8FFFD



9CD694



71807E



000000



808080



# Same Dimension

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



94D6CF



A1FFF5



94BDD6



606B6A



00AB99



002B27



# Inverse Universe

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



D6949B



FFA1AB



D6AD94



6B6062



AB0012



2B0005



# Previews

## White Background



This preview shows how the Hex color 94D6CF looks on a white background.

## Color Contrast Check

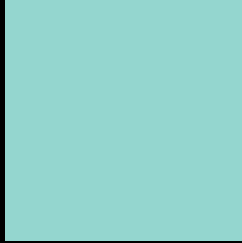
Large Text (above 18pt) WCAG AA × Fail

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 94D6CF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

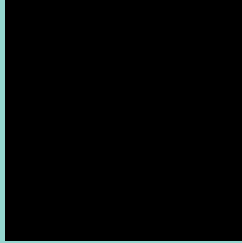
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

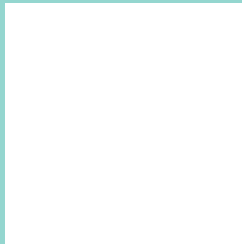
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94D6CF Background



This preview shows how black text looks on a background with the Hex color 94D6CF.



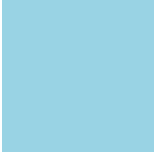
This preview shows how white text looks on a background with the Hex color 94D6CF.

# 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](#).

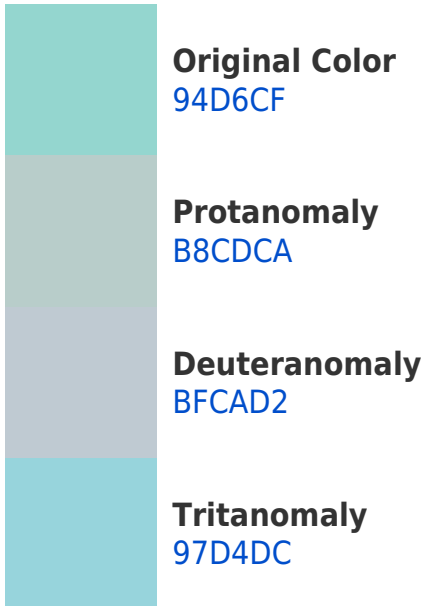
## Dichromacy



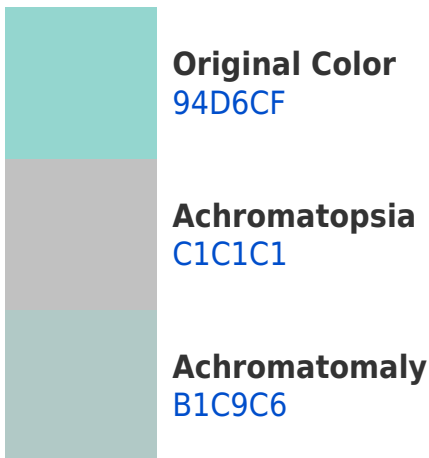


**Tritanopia**  
99D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94D6CF 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 #94D6CF looks like.

```
.text, #text, p{  
    color:#94D6CF  
}
```

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 #94D6CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94D6CF
}
```

## Border

The CSS property to change the border of an element to Hex 94D6CF 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
#94D6CF }
```

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

```
.border{ border-color:#94D6CF }
```

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

Here you see how a box with a 4 pixel #94D6CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94D6CF; -webkit-box-shadow:4px 4px  
4px 4px #94D6CF; box-shadow:4px 4px 4px  
4px #94D6CF }
```

# Background

The CSS property to change the background color of an element to Hex 94D6CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94D6CF }
```

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

```
.background{ background-color:#94D6CF }
```

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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