

# Converting Colors

Hex(95C4DC)

Have a look what the booklet for  
Hex(95C4DC) contains.

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**Color**

**Hex(95C4DC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95C4DC
RGB	149, 196, 220
RGB Percent	58%, 77%, 86%
CMY	0.4157, 0.2314, 0.1373
CMYK	0.32, 0.11, 0.00, 0.14
HSL	200°, 50%, 72%
HSV	200°, 32%, 86%
XYZ	45.0526, 51.0367, 75.1867
YIQ	184.6830, -35.7160, -2.5000

# Conversions

## Conversions Part 2

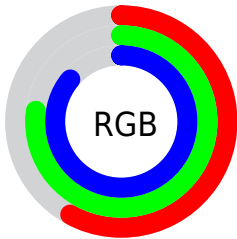
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 177, 220
Decimal	9815260
CIELab	76.70, -9.72, -16.95
CIELCh	77, 19.538, 240.151
Yxy	51.0367, 0.2630, 0.2980
Android (android.graphics.Color)	4288005340 (0xFF95C4DC)
YUV	184.6830, 17.4113, -31.2940
Hunter-Lab	71.4400, -12.4515, -12.3915

# Details

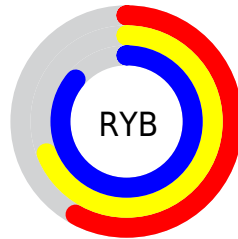
The Hex color **95C4DC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DCAD95**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **CDFDFF**, and **608EA5** is the 20% darker color. If you saturate the color by 10%, you get **7FBDDC**, and if you desaturate by 10%, it is **ABCBDC**.

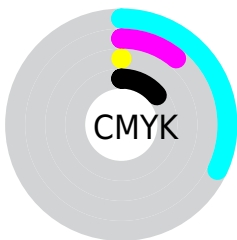
# Distribution



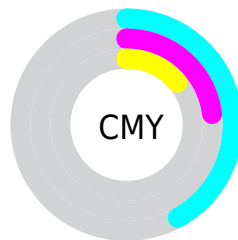
- Red (58%)
- Green (77%)
- Blue (86%)



- Red (58%)
- Yellow (69%)
- Blue (86%)



- Cyan (32%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)



- Cyan (42%)
- Magenta (23%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95C4DC 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 95C4DC by changing the saturation by 10% instead.



■ 95C4DC

■ 95C4DC

FFFFFF

■ 7AA9C0

■ CDFDFF

■ 608EA5

■ EAFFFF

■ 45758B

■ 2B5C71

■ 0B4559

■ 002E41

■ 001A2B

■ 000117

■ 000000

 95C4DC

 95C4DC

 7FBDDC

 ABCBDC

 69B5DC

 C1D3DC

 53AEDC

 D7DADC

 3DA6DC

 EDE2DC

 279FDC

 FFE9DC

 1197DC

 FFF1DC

 0092DC

 FFF8DC

 FFFFDC

# Harmonies

## Analogous

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



8DC7CF



95C4DC



A9BFE1

# Triad

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



95C4DC



E1B1BE



B7C29E

# Complementary

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



95C4DC



DCAD95

# 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.



CBBC99



95C4DC



E3B2AC

# Square

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



95C4DC



D5B3D0



DBB69F



A3C6AB

# Rectangle

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



95C4DC



B9BBDF



DBB69F



BEC09B



# Sweetspot

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



95C4DC



E6F6FF



95DCAD



707A80



000000



808080

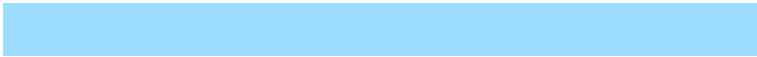


# Same Dimension

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



95C4DC



9CDDFF



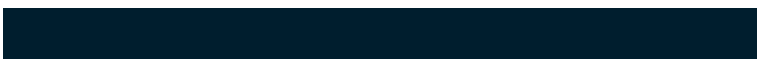
95A1DC



636A6E



0073AD



001E2E



# Inverse Universe

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



DC95C4



FF9CDD



DCD095



6E636A



AD0073

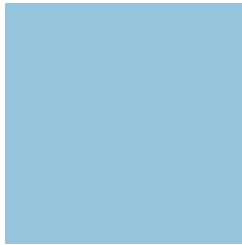


2E001E



# Previews

## White Background



This preview shows how the Hex color 95C4DC looks on a white background.

## Color Contrast Check

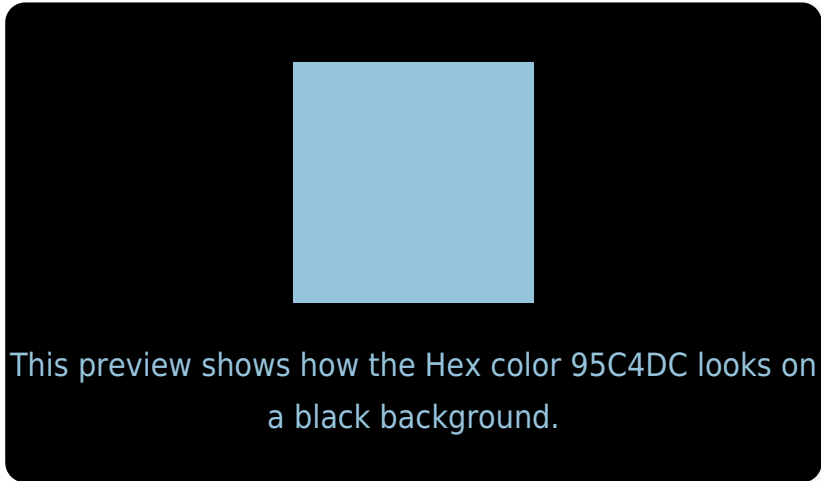
Large Text (above 18pt) WCAG AA × Fail

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

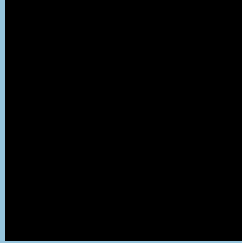
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 95C4DC Background



This preview shows how black text looks on a background with the Hex color 95C4DC.

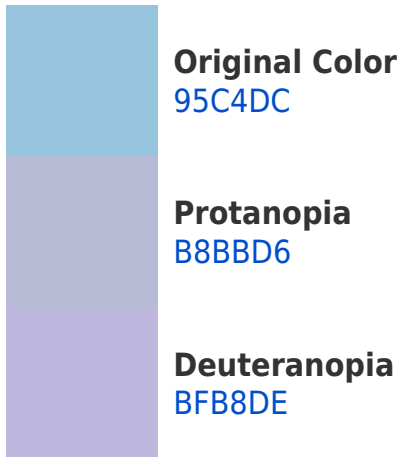


This preview shows how white text looks on a background with the Hex color 95C4DC.

# 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](#).

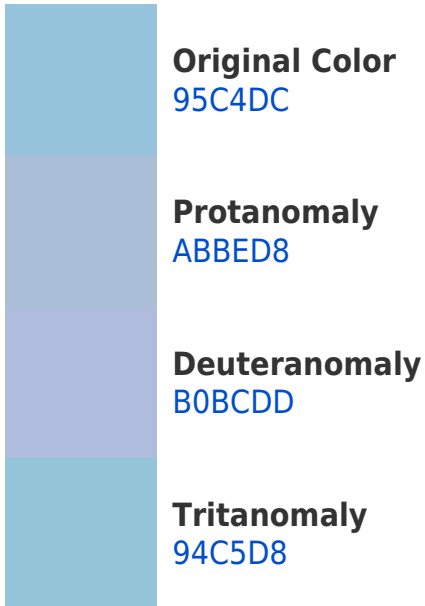
## Dichromacy



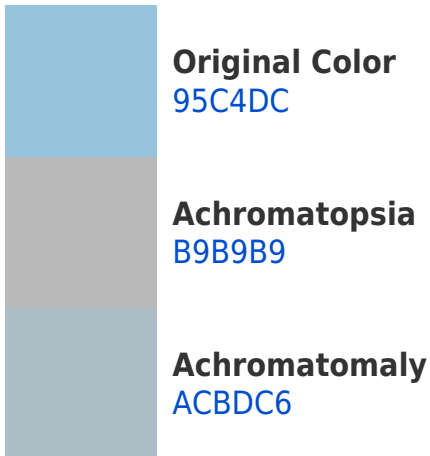


**Tritanopia**  
93C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95C4DC 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 #95C4DC looks like.

```
.text, #text, p{  
    color:#95C4DC  
}
```

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 #95C4DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95C4DC
}
```

## Border

The CSS property to change the border of an element to Hex 95C4DC 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
#95C4DC }
```

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

```
.border{ border-color:#95C4DC }
```

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

Here you see how a box with a 4 pixel #95C4DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95C4DC; -webkit-box-shadow:4px 4px  
4px 4px #95C4DC; box-shadow:4px 4px 4px  
4px #95C4DC }
```

# Background

The CSS property to change the background color of an element to Hex 95C4DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95C4DC }
```

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

```
.background{ background-color:#95C4DC }
```

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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