

# Converting Colors

Hex(95B8C2)

Have a look what the booklet for  
Hex(95B8C2) contains.

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# **Color**

**Hex(95B8C2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95B8C2
RGB	149, 184, 194
RGB Percent	58%, 72%, 76%
CMY	0.4157, 0.2784, 0.2392
CMYK	0.23, 0.05, 0.00, 0.24
HSL	193°, 27%, 67%
HSV	193°, 23%, 76%
XYZ	39.2725, 44.5656, 57.5711
YIQ	174.6750, -24.0700, -4.3100

# Conversions

## Conversions Part 2

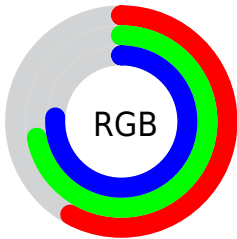
Format	Color
<b>RYB</b>	149, 169, 194
Decimal	9812162
CIELab	72.60, -9.51, -8.96
CIELCh	73, 13.064, 223.292
Yxy	44.5656, 0.2777, 0.3152
Android (android.graphics.Color)	4288002242 (0xFF95B8C2)
YUV	174.6750, 9.5272, -22.5170
Hunter-Lab	66.7575, -11.8164, -4.4010

# Details

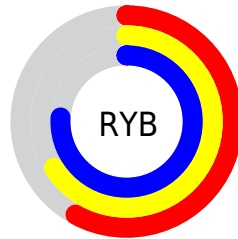
The Hex color **95B8C2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C29F95**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **CCF0FA**, and **61838C** is the 20% darker color. If you saturate the color by 10%, you get **82B4C2**, and if you desaturate by 10%, it is **A8BCC2**.

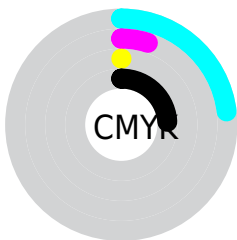
# Distribution



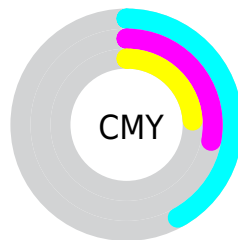
- Red (58%)
- Green (72%)
- Blue (76%)



- Red (58%)
- Yellow (66%)
- Blue (76%)



- Cyan (23%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (42%)
- Magenta (28%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95B8C2 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 95B8C2 by changing the saturation by 10% instead.





95B8C2



95B8C2

FFFFFF



7B9DA7



CCF0FA



61838C



E8FFFF



486A73



30525A



183B43



00252D



001118



000000



95B8C2



95B8C2

82B4C2

A8BCC2

6EAFC2

BCC1C2

5BABC2

CFC5C2

47A7C2

E3C9C2

34A2C2

F6CEC2

219EC2

FFD2C2

0D9AC2

FFD6C2

0097C2

FFDAC2

FFDFC2

# Harmonies

## Analogous

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



95B9B7



95B8C2



9EB5C9

# Triad

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



95B8C2



C6ABB9



B6B39B

# Complementary

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



95B8C2



C29F95

# 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.



C2AF9C



95B8C2



CCAAAD

# Square

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



95B8C2



BBADC4



CAACA2



A8B6A1

# Rectangle

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



95B8C2



A7B3CA



CAACA2



BBB29A

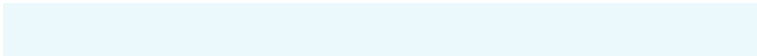


# Sweetspot

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



95B8C2



EBF9FC



95C29F



757D80



000000



808080

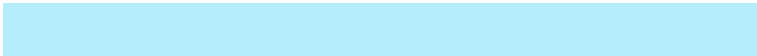


# Same Dimension

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



95B8C2



B6EDFC



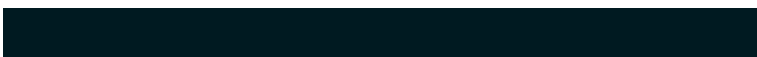
95A2C2



575F61



007DA1



001A21



# Inverse Universe

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



C295B8



FCB6ED



C2B595



61575F



A1007D



21001A



# Previews

## White Background



This preview shows how the Hex color 95B8C2 looks on a white background.

## Color Contrast Check

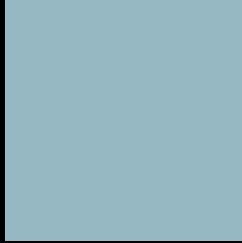
Large Text (above 18pt) WCAG AA × Fail

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 95B8C2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

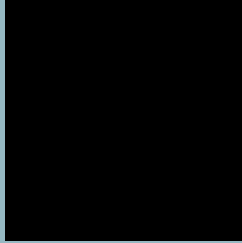
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

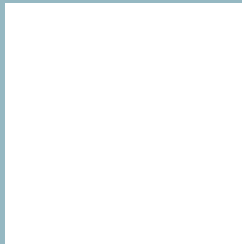
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 95B8C2 Background



This preview shows how black text looks on a background with the Hex color 95B8C2.

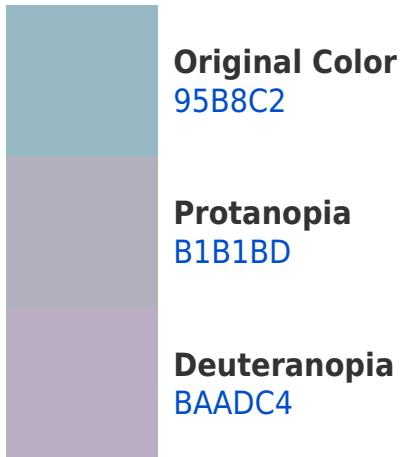


This preview shows how white text looks on a background with the Hex color 95B8C2.

# 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](#).

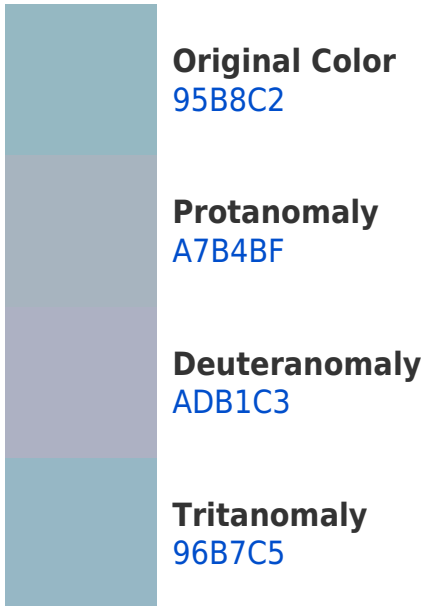
## Dichromacy



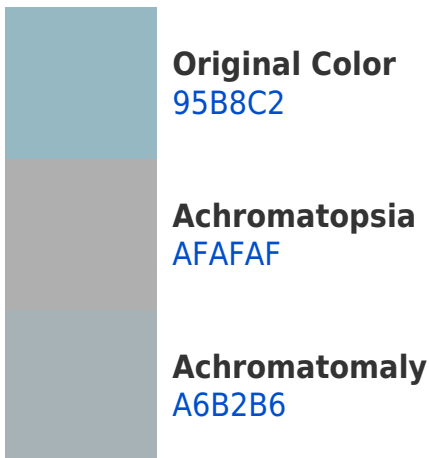


**Tritanopia**  
96B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95B8C2 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 #95B8C2 looks like.

```
.text, #text, p{  
    color:#95B8C2  
}
```

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 #95B8C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95B8C2
}
```

## Border

The CSS property to change the border of an element to Hex 95B8C2 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
#95B8C2 }
```

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

```
.border{ border-color:#95B8C2 }
```

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

Here you see how a box with a 4 pixel #95B8C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95B8C2; -webkit-box-shadow:4px 4px  
4px 4px #95B8C2; box-shadow:4px 4px 4px  
4px #95B8C2 }
```

# Background

The CSS property to change the background color of an element to Hex 95B8C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95B8C2 }
```

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

```
.background{ background-color:#95B8C2 }
```

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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