

# Converting Colors

Hex(94BCBC)

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

<b>Hex(94BCBC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(94BCBC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94BCBC
RGB	148, 188, 188
RGB Percent	58%, 74%, 74%
CMY	0.4196, 0.2627, 0.2627
CMYK	0.21, 0.00, 0.00, 0.26
HSL	180°, 23%, 66%
HSV	180°, 21%, 74%
XYZ	39.2731, 45.8932, 54.3653
YIQ	176.0400, -23.8400, -8.4800

# Conversions

## Conversions Part 2

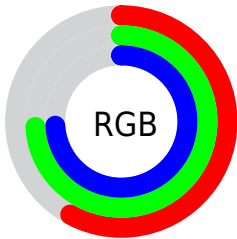
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	148, 168, 188
Decimal	9747644
CIE Lab	73.48, -13.26, -4.40
CIE LCh	73, 13.972, 198.341
Yxy	45.8932, 0.2815, 0.3289
Android (android.graphics.Color)	4287937724 (0xFF94BCBC)
YUV	176.0400, 5.8963, -24.5911
Hunter-Lab	67.7445, -15.0723, -0.1594

# Details

The Hex color **94BCBC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BC9494**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **CBF4F4**, and **608787** is the 20% darker color. If you saturate the color by 10%, you get **81BCBC**, and if you desaturate by 10%, it is **A7BCBC**.

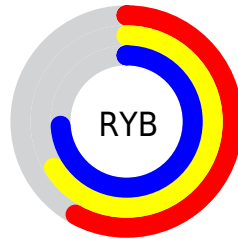
# Distribution



Red (58%)

Green (74%)

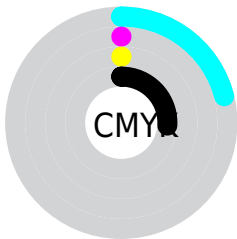
Blue (74%)



Red (58%)

Yellow (66%)

Blue (74%)

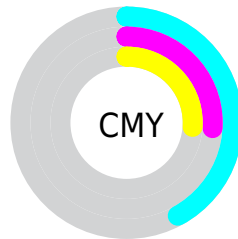


Cyan (21%)

Magenta (0%)

Yellow (0%)

Black (26%)



Cyan (42%)

Magenta (26%)

Yellow (26%)

# Brightness & Saturation Gradients

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



 94BCBC

 94BCBC

FFFFFF

 7AA1A1

 CBF4F4

 608787

 E7FFFF

 476D6E

 2F5555

 173E3E

 002828

 001414

 000000

 94BCBC

 94BCBC

 81BCBC

 A7BCBC

 6EBCBC

 BABCBC

 5CBCBC

 CCBCBC

 49BCBC

 DFBCBC

 36BCBC

 F2BCBC

 23BCBC

 FFBCBC

 10BCBC

 00BCBC

# Harmonies

## Analogous

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



9BBCAF



94BCBC



96BAC7

# Triad

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



94BCBC



C0AFC6



C4B29C

# Complementary

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



94BCBC



BC9494

# 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.



CDAEA2



94BCBC



CCACBA

# Square

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



94BCBC



B1B3CD



D0ACAD



B6B69C

# Rectangle

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



94BCBC



9CB8CC



D0ACAD



C7B19D



# Sweetspot

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



94BCBC



E6F5F5



94BC94



727A7A



FAFAFA



7A7A7A

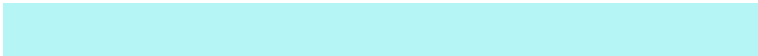


# Same Dimension

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



94BCBC



B5F5F5



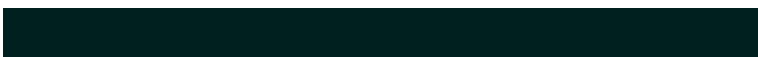
94A8BC



555E5E



009E9E



001F1F



# Inverse Universe

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



BC94BC



F5B5F5



BCA894



5E555E



9E009E



1F001F



# Previews

## White Background



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

## Color Contrast Check

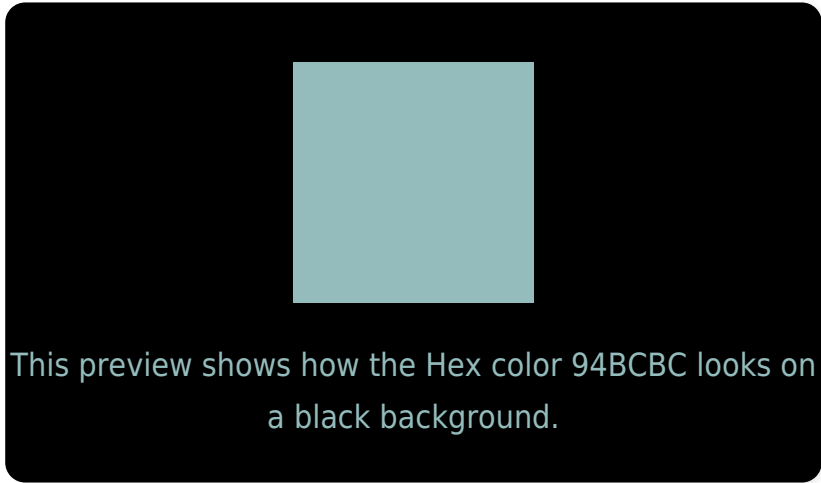
Large Text (above 18pt) WCAG AA × Fail

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

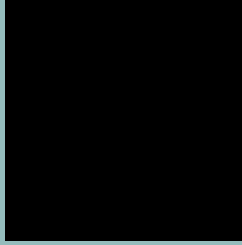
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 94BCBC Background



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

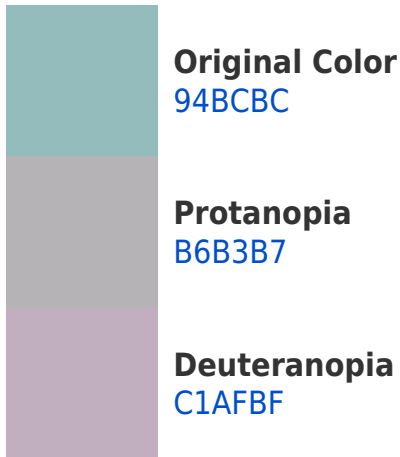


This preview shows how white text looks on a background with the Hex color 94BCBC.

# 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**  
97BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #94BCBC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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