

# Converting Colors

Hex(9BBCBE)

Have a look what the booklet for  
Hex(9BBCBE) contains.

<b>Hex(9BBCBE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9BBCBE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BBCBE
RGB	155, 188, 190
RGB Percent	61%, 74%, 75%
CMY	0.3922, 0.2627, 0.2549
CMYK	0.18, 0.01, 0.00, 0.25
HSL	183°, 21%, 68%
HSV	183°, 18%, 75%
XYZ	40.7951, 46.6527, 55.5699
YIQ	178.3610, -20.3100, -6.3740

# Conversions

## Conversions Part 2

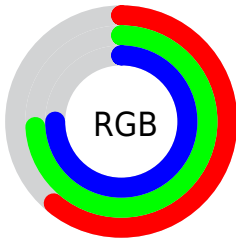
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 172, 190
Decimal	10206398
CIELab	73.97, -10.63, -4.71
CIELCh	74, 11.627, 203.917
Yxy	46.6527, 0.2852, 0.3262
Android (android.graphics.Color)	4288396478 (0xFF9BBCBE)
YUV	178.3610, 5.7380, -20.4876
Hunter-Lab	68.3028, -12.9176, -0.4253

# Details

The Hex color **9BBCBE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BE9D9B**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **D2F4F6**, and **678789** is the 20% darker color. If you saturate the color by 10%, you get **88BBBE**, and if you desaturate by 10%, it is **AEBDBE**.

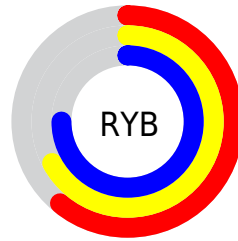
# Distribution



Red (61%)

Green (74%)

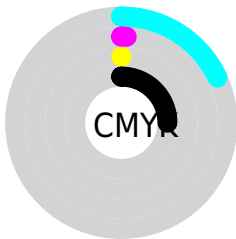
Blue (75%)



Red (61%)

Yellow (67%)

Blue (75%)

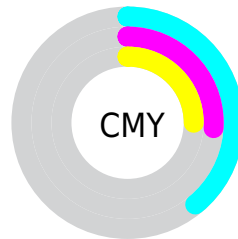


Cyan (18%)

Magenta (1%)

Yellow (0%)

Black (25%)



Cyan (39%)

Magenta (26%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BBCBE 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 9BBCBE by changing the saturation by 10% instead.



 9BBCBE

 9BBCBE

FFFFFF

 81A1A3

 D2F4F6

 678789

 EEEFFF

 4E6D6F

 375557

 203E40

 08282A

 001415

 000000

 9BBCBE

 9BBCBE

88BBBE

AEBDBE

75BABE

C1BEBE

62B9BE

D4BFBE

4FB8BE

E7C0BE

3CB7BE

FAC1BE

29B5BE

FFC3BE

16B4BE

FFC4BE

03B3BE

FFC5BE

00B3BE

FFC6BE

# Harmonies

## Analogous

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



9FBCB3



9BBCBE



9EBAC7

# Triad

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



9BBCBE



C2B1C2



C1B4A1

# Complementary

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



9BBCBE



BE9D9B

# 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.



C9B1A5



9BBCBE



CAAFB8

# Square

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



9BBCBE



B5B4C9



CDAFAE



B5B8A2

# Rectangle

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



9BBCBE



A4B8CA



CDAFAE



C4B3A2



# Sweetspot

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



9BBCBE



E9F7F7



9BBE9D



747C7D



FCFCFC



7D7D7D

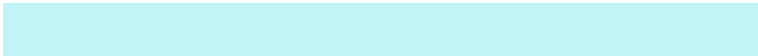


# Same Dimension

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



9BBCBE



C1F4F7



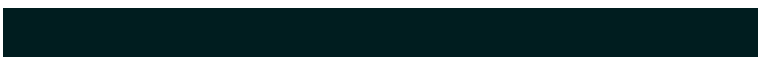
9BABBE



555E5E



00959E



001D1F



# Inverse Universe

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



BE9BBC



F7C1F4



BEAE9B



5E555E



9E0095



1F001D



# Previews

## White Background



This preview shows how the Hex color 9BBCBE looks on a white background.

## Color Contrast Check

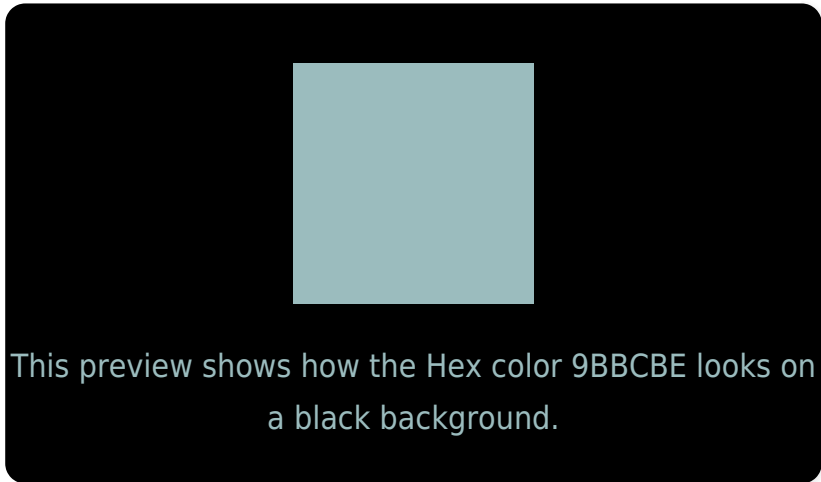
Large Text (above 18pt) WCAG AA × Fail

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

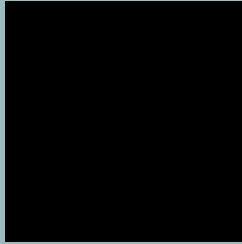
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9BBCBE Background



This preview shows how black text looks on a background with the Hex color 9BBCBE.



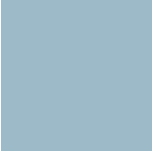
This preview shows how white text looks on a background with the Hex color 9BBCBE.

# 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



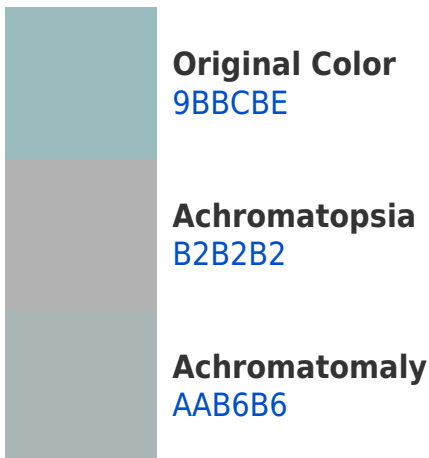


**Tritanopia**  
9DBAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BBCBE 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 #9BBCBE looks like.

```
.text, #text, p{  
    color:#9BBCBE  
}
```

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 #9BBCBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BBCBE
}
```

## Border

The CSS property to change the border of an element to Hex 9BBCBE 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
#9BBCBE }
```

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

```
.border{ border-color:#9BBCBE }
```

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

Here you see how a box with a 4 pixel #9BBCBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BBCBE; -webkit-box-shadow:4px 4px  
4px 4px #9BBCBE; box-shadow:4px 4px 4px  
4px #9BBCBE }
```

# Background

The CSS property to change the background color of an element to Hex 9BBCBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BBCBE }
```

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

```
.background{ background-color:#9BBCBE }
```

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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