

# Converting Colors

Hex(9BBCBD)

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

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# **Color**

**Hex(9BBCBD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BBCBD
RGB	155, 188, 189
RGB Percent	61%, 74%, 74%
CMY	0.3922, 0.2627, 0.2588
CMYK	0.18, 0.01, 0.00, 0.26
HSL	182°, 20%, 67%
HSV	182°, 18%, 74%
XYZ	40.6861, 46.6091, 54.9962
YIQ	178.2470, -19.9890, -6.6850

# Conversions

## Conversions Part 2

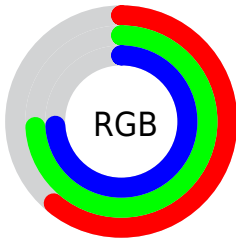
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">155, 172, 189</a>
Decimal	<a href="#">10206397</a>
CIELab	<a href="#">73.94, -10.84, -4.21</a>
CIELCh	<a href="#">74, 11.632, 201.219</a>
Yxy	<a href="#">46.6091, 0.2859, 0.3276</a>
Android (android.graphics.Color)	<a href="#">4288396477 (0xFF9BBCBD)</a>
YUV	<a href="#">178.2470, 5.3012, -20.3876</a>
Hunter-Lab	<a href="#">68.2709, -13.0968, 0.0280</a>

# Details

The Hex color **9BBCBD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BD9C9B**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **D2F4F5**, and **678788** is the 20% darker color. If you saturate the color by 10%, you get **88BBBD**, and if you desaturate by 10%, it is **AEBDBD**.

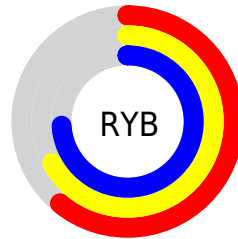
# Distribution



Red (61%)

Green (74%)

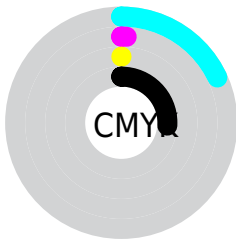
Blue (74%)



Red (61%)

Yellow (67%)

Blue (74%)

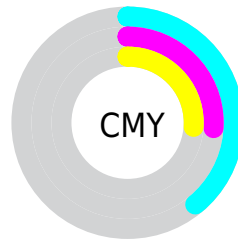


Cyan (18%)

Magenta (1%)

Yellow (0%)

Black (26%)



Cyan (39%)

Magenta (26%)

Yellow (26%)

# Brightness & Saturation Gradients

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



 9BBCBD

 9BBCBD

FFFFFF

 81A1A2

 D2F4F5

 678788

 EEEFFF

 4E6D6E

 375556

 203E3F

 082829

 001415

 000000

 9BBCBD

 9BBCBD

88BBBD

AEBDBD

75BBBD

C1BDBD

62BABD

D4BEBD

4FBABD

E7BEBD

3CB9BD

FABFBD

2AB9BD

FFBFBD

17B8BD

FFC0BD

04B8BD

FFC1BD

00B7BD

# Harmonies

## Analogous

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



A0BCB2



9BBCBD



9EBAC6

# Triad

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



9BBCBD



C1B1C3



C2B4A1

# Complementary

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



9BBCBD



BD9C9B

# 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.



CAB1A5



9BBCBD



CAAFB9

# Square

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



9BBCBD



B4B4CA



CDAFAE



B6B7A2

# Rectangle

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



9BBCBD



A3B9CA



CDAFAE



C5B3A2

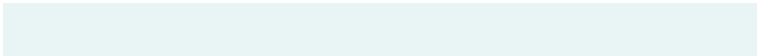


# Sweetspot

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



9BBCBD



E9F4F5



9BBD9C



737A7A



FAFAFA



7A7A7A



# Same Dimension

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



9BBCBD



BFF3F5



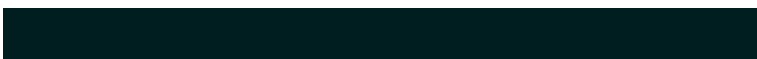
9BABBD



555E5E



00999E



001E1F



# Inverse Universe

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



BD9BBC



F5BFF3



BDAD9B



5E555E



9E0099

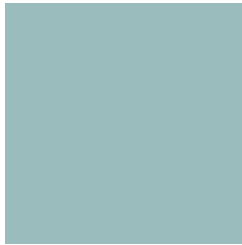


1F001E



# Previews

## White Background



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

## Color Contrast Check

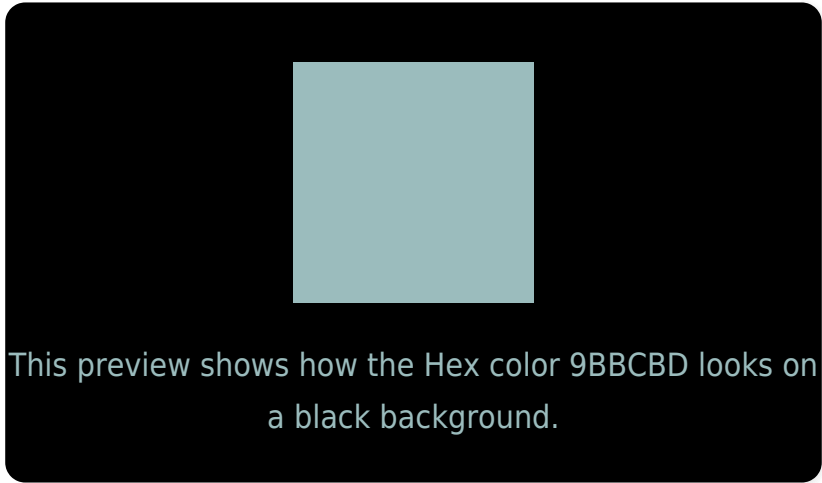
Large Text (above 18pt) WCAG AA × Fail

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

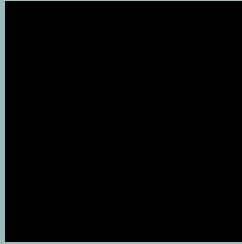
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9BBCBD Background



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



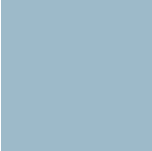
This preview shows how white text looks on a background with the Hex color 9BBCBD.

# 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](#).

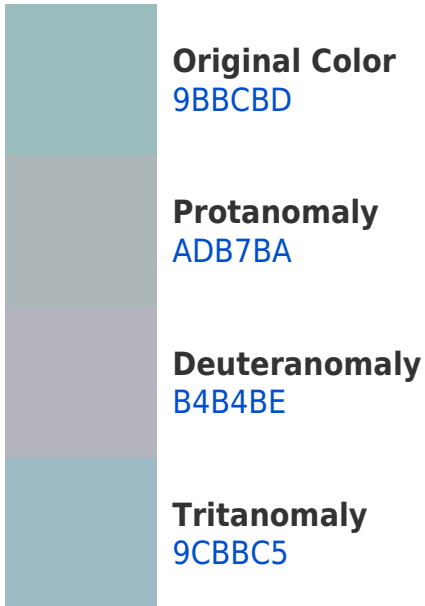
## Dichromacy





**Tritanopia**  
9DBAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #9BBCBD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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