

# Converting Colors

Hex(9BD4CE)

Have a look what the booklet for  
Hex(9BD4CE) contains.

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# **Color**

**Hex(9BD4CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BD4CE
RGB	155, 212, 206
RGB Percent	61%, 83%, 81%
CMY	0.3922, 0.1686, 0.1922
CMYK	0.27, 0.00, 0.03, 0.17
HSL	174°, 40%, 72%
HSV	174°, 27%, 83%
XYZ	48.2016, 58.5118, 67.1459
YIQ	194.2730, -32.0460, -13.9500

# Conversions

## Conversions Part 2

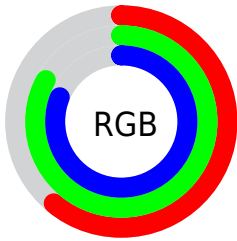
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 185, 212
Decimal	10212558
CIELab	81.02, -19.47, -2.96
CIELCh	81, 19.694, 188.630
Yxy	58.5118, 0.2772, 0.3365
Android (android.graphics.Color)	4288402638 (0xFF9BD4CE)
YUV	194.2730, 5.7814, -34.4424
Hunter-Lab	76.4930, -21.3819, 1.5000

# Details

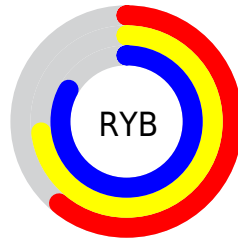
The Hex color **9BD4CE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D49BA1**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **D3FFFF**, and **669D98** is the 20% darker color. If you saturate the color by 10%, you get **86D4CC**, and if you desaturate by 10%, it is **B0D4D0**.

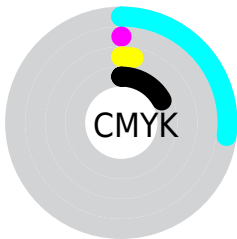
# Distribution



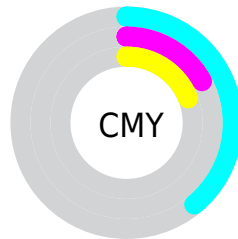
- Red (61%)
- Green (83%)
- Blue (81%)



- Red (61%)
- Yellow (73%)
- Blue (83%)



- Cyan (27%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (39%)
- Magenta (17%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BD4CE 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 9BD4CE by changing the saturation by 10% instead.



 9BD4CE

 9BD4CE

FFFFFF

 80B8B3

 D3FFFF

 669D98

 F0FFFF

 4C837E

 336A65

 18514D

 003A36

 002421

 00070B

 000000

 9BD4CE

 9BD4CE

 86D4CC

 B0D4D0

 71D4CA

 C5D4D2

 5BD4C7

 DBD4D5

 46D4C5

 F0D4D7

 31D4C3

 FFD4D9

 1CD4C1

 FFD4DB

 07D4BE

 FFD4DE

 00D4BE

 FFD4E0

 FFD4E2

# Harmonies

## Analogous

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



A9D3BB



9BD4CE



99D3DF

# Triad

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



9BD4CE



D3C3E6



E4C4A7

# Complementary

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



9BD4CE



D49BA1

# 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.



EEBFB3



9BD4CE



E6BED7

# Square

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



9BD4CE



BBC9ED



EFBCC4



D2CAA5

# Rectangle

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



9BD4CE



A0D0E8



EFBCC4



E8C2AA



# Sweetspot

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



9BD4CE



EBFFFD



A2D49B



73807E



000000



808080



# Same Dimension

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



9BD4CE



ADFFF6



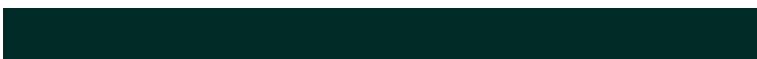
9BBED4



606B6A



00AB99



002B27



# Inverse Universe

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



D49BA1



FFADB6



D4B19B



6B6062



AB0012

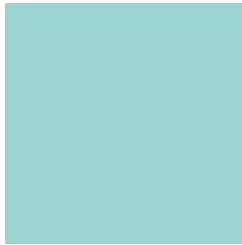


2B0005



# Previews

## White Background



This preview shows how the Hex color 9BD4CE looks on a white background.

## Color Contrast Check

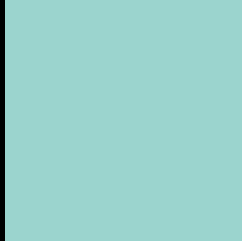
Large Text (above 18pt) WCAG AA × Fail

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 9BD4CE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

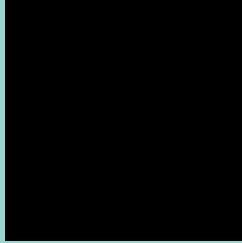
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

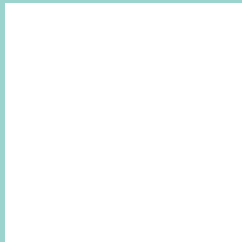
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BD4CE Background



This preview shows how black text looks on a background with the Hex color 9BD4CE.

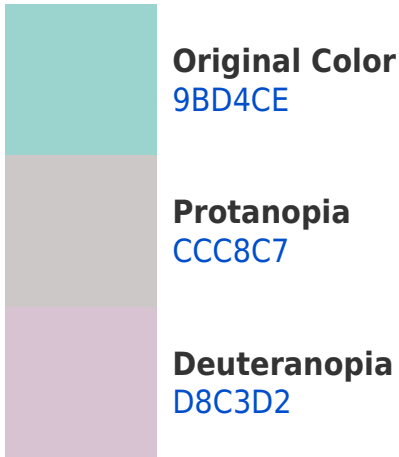


This preview shows how white text looks on a background with the Hex color 9BD4CE.

# 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](#).

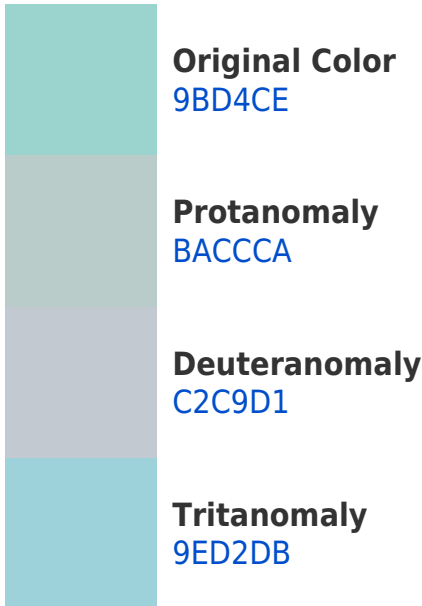
## Dichromacy



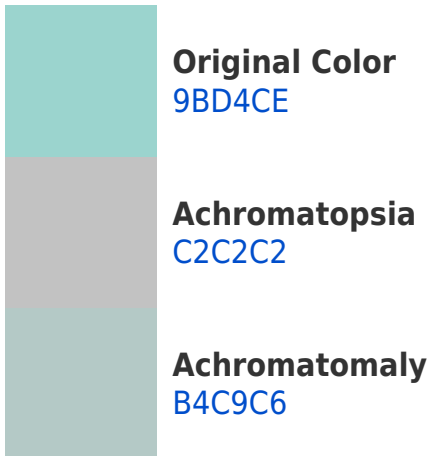


**Tritanopia**  
9FD1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BD4CE 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 #9BD4CE looks like.

```
.text, #text, p{  
    color:#9BD4CE  
}
```

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 #9BD4CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD4CE
}
```

## Border

The CSS property to change the border of an element to Hex 9BD4CE 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
#9BD4CE }
```

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

```
.border{ border-color:#9BD4CE }
```

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

Here you see how a box with a 4 pixel #9BD4CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD4CE; -webkit-box-shadow:4px 4px  
4px 4px #9BD4CE; box-shadow:4px 4px 4px  
4px #9BD4CE }
```

# Background

The CSS property to change the background color of an element to Hex 9BD4CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD4CE }
```

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

```
.background{ background-color:#9BD4CE }
```

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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