

# Converting Colors

Hex(9BD5B9)

Have a look what the booklet for  
Hex(9BD5B9) contains.

<b>Hex(9BD5B9)</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(9BD5B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BD5B9
RGB	155, 213, 185
RGB Percent	61%, 84%, 73%
CMY	0.3922, 0.1647, 0.2745
CMYK	0.27, 0.00, 0.13, 0.16
HSL	151°, 41%, 72%
HSV	151°, 27%, 84%
XYZ	46.0688, 58.0598, 54.6775
YIQ	192.4660, -25.5800, -21.0040

# Conversions

## Conversions Part 2

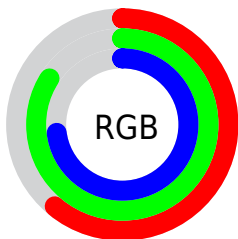
Format	Color
<a href="#">RYB</a>	<a href="#">155, 193, 213</a>
Decimal	<a href="#">10212793</a>
CIELab	<a href="#">80.77, -24.36, 7.88</a>
CIELCh	<a href="#">81, 25.604, 162.078</a>
Yxy	<a href="#">58.0598, 0.2901, 0.3656</a>
Android (android.graphics.Color)	<a href="#">4288402873 (0xFF9BD5B9)</a>
YUV	<a href="#">192.4660, -3.6807, -32.8577</a>
Hunter-Lab	<a href="#">76.1970, -25.4235, 10.7925</a>

# Details

The Hex color **9BD5B9** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D59BB7**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **D3FFF1**, and **669E84** is the 20% darker color. If you saturate the color by 10%, you get **86D5AF**, and if you desaturate by 10%, it is **B0D5C3**.

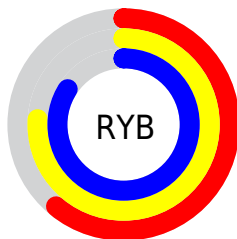
# Distribution



Red (61%)

Green (84%)

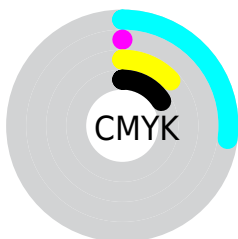
Blue (73%)



Red (61%)

Yellow (76%)

Blue (84%)

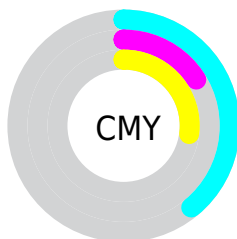


Cyan (27%)

Magenta (0%)

Yellow (13%)

Black (16%)



Cyan (39%)

Magenta (16%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BD5B9 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 9BD5B9 by changing the saturation by 10% instead.



 9BD5B9

 9BD5B9

FFFFFF

 80B99E

 D3FFF1

 669E84

 EFFFFFF

 4D846B

 346A53

 1A523B

 003A26

 002511

 000500

 000000

 9BD5B9

 9BD5B9

 86D5AF

 B0D5C3

 70D5A4

 C6D5CE

 5BD59A

 DBD5D8

 46D590

 F0D5E2

 30D586

 FFD5EC

 1BD57B

 FFD5F7

 06D571

 FFD5FF

 00D56E

# Harmonies

## Analogous

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



B5D1A4



9BD5B9



88D6D2

# Triad

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



9BD5B9



B9C7F7



F6BBA9

# Complementary

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



9BD5B9



D59BB7

# 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.



FAB7C0



9BD5B9



D8BFEC

# Square

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



9BD5B9



9ACFF5



EFB9D8



E7C29C

# Rectangle

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



9BD5B9



84D5E1



EFB9D8



F9B9B0



# Sweetspot

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



9BD5B9



EBFFF5



B7D59B



738079



000000



808080

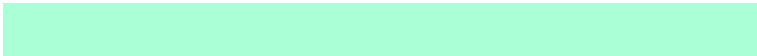


# Same Dimension

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



9BD5B9



ABFFD6



9BD4D5



606B66



00AB58



002B16



# Inverse Universe

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



D59BB7



FFABD3



D59C9B



6B6066



AB0052

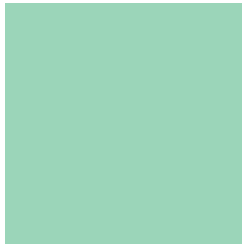


2B0015



# Previews

## White Background



This preview shows how the Hex color 9BD5B9 looks on a white background.

## Color Contrast Check

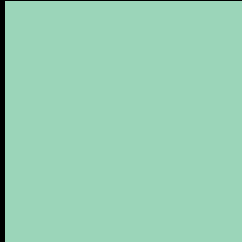
Large Text (above 18pt) WCAG AA × Fail

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 9BD5B9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

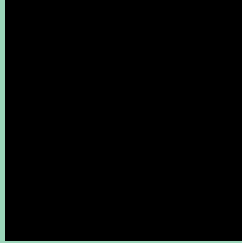
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

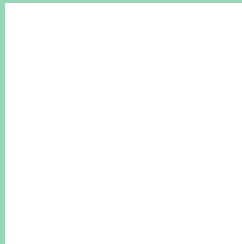
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BD5B9 Background



This preview shows how black text looks on a background with the Hex color 9BD5B9.

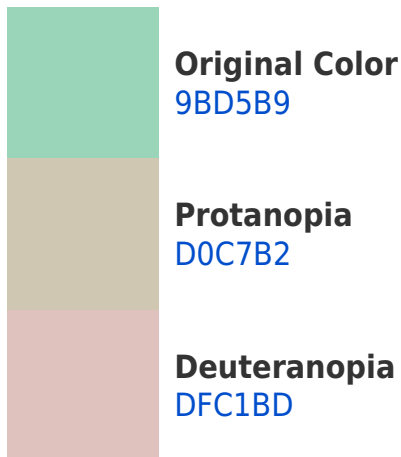


This preview shows how white text looks on a background with the Hex color 9BD5B9.

# 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



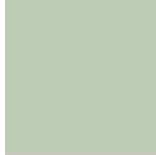


**Tritanopia**  
A3CFE0

# Trichromacy



**Original Color**  
9BD5B9



**Protanomaly**  
BDCCB5



**Deuteranomaly**  
C6C8BC

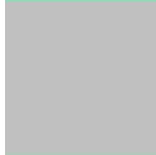


**Tritanomaly**  
A0D1D2

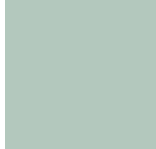
# Monochromacy



**Original Color**  
9BD5B9



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
B3C8BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BD5B9 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 #9BD5B9 looks like.

```
.text, #text, p{  
    color:#9BD5B9  
}
```

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 #9BD5B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD5B9
}
```

## Border

The CSS property to change the border of an element to Hex 9BD5B9 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
#9BD5B9 }
```

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

```
.border{ border-color:#9BD5B9 }
```

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

Here you see how a box with a 4 pixel #9BD5B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD5B9; -webkit-box-shadow:4px 4px  
4px 4px #9BD5B9; box-shadow:4px 4px 4px  
4px #9BD5B9 }
```

# Background

The CSS property to change the background color of an element to Hex 9BD5B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD5B9 }
```

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

```
.background{ background-color:#9BD5B9 }
```

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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