

Converting Colors

Hex(9BD1B0)

Have a look what the booklet for
Hex(9BD1B0) contains.

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Color

Hex(9BD1B0)

Conversions

Conversions Part 1

Format	Color
Hex	9BD1B0
RGB	155, 209, 176
RGB Percent	61%, 82%, 69%
CMY	0.3922, 0.1804, 0.3098
CMYK	0.26, 0.00, 0.16, 0.18
HSL	143°, 37%, 71%
HSV	143°, 26%, 82%
XYZ	44.1545, 55.7041, 49.4991
YIQ	189.0920, -21.5910, -21.7110

Conversions

Conversions Part 2

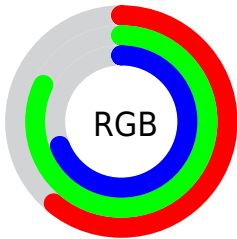
Format	Color
RYB	155, 194, 209
Decimal	10211760
CIELab	79.45, -24.16, 10.78
CIELCh	79, 26.454, 155.959
Yxy	55.7041, 0.2956, 0.3730
Android (android.graphics.Color)	4288401840 (0xFF9BD1B0)
YUV	189.0920, -6.4544, -29.8987
Hunter-Lab	74.6352, -25.0101, 12.9227

Details

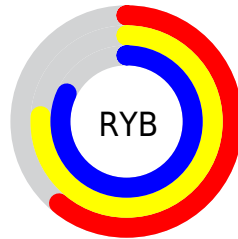
The Hex color **9BD1B0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D19BBC**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **D2FFE8**, and **669A7B** is the 20% darker color. If you saturate the color by 10%, you get **86D1A3**, and if you desaturate by 10%, it is **B0D1BD**.

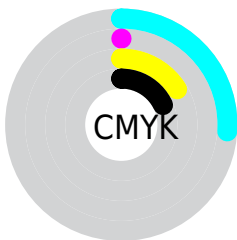
Distribution



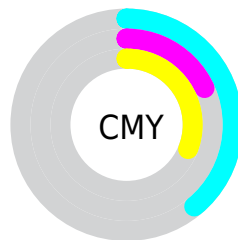
- Red (61%)
- Green (82%)
- Blue (69%)



- Red (61%)
- Yellow (76%)
- Blue (82%)



- Cyan (26%)
- Magenta (0%)
- Yellow (16%)
- Black (18%)



- Cyan (39%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BD1B0 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 9BD1B0 by changing the saturation by 10% instead.

 9BD1B0

 9BD1B0

FFFFFF

 80B595

 D2FFE8

 669A7B

 EFFFFFF

 4D8063

 35674B

 1C4F34

 00371F

 002207

 000000

 9BD1B0

 9BD1B0

 86D1A3

 B0D1BD

 71D196

 C5D1CA

 5CD18A

 DAD1D6

 47D17D

 EFD1E3

 33D170

 FFD1F0

 1ED163

 FFD1FD

 09D157

 FFD1FF

 00D151

Harmonies

Analogous

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



B7CC9C



9BD1B0



85D3C9

Triad

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



9BD1B0



AEC5F5



F5B6A9

Complementary

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



9BD1B0



D19BBC

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.



F6B3C1



9BD1B0



CFBDED

Square

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



9BD1B0



8ECDF1



E9B6D9



E8BD99

Rectangle

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



9BD1B0



7ED2D9



E9B6D9



F7B4B0

Sweetspot

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



9BD1B0



EBFFF3



BCD19B



738078



000000



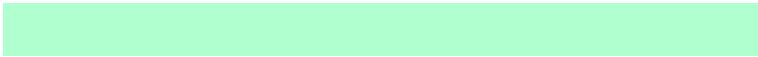
808080

Same Dimension

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



9BD1B0



B0FFCF



9BD1CB



5E6962



00A841



002910

Inverse Universe

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



D19BBC



FFB0E0



D19BA1



695E64



A80067



290019

Previews

White Background



This preview shows how the Hex color 9BD1B0 looks on a white background.

Color Contrast Check

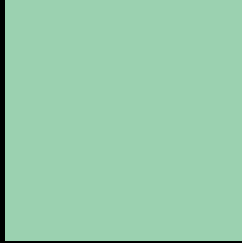
Large Text (above 18pt) WCAG AA × Fail

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 9BD1B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

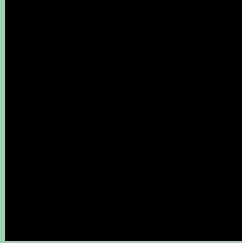
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

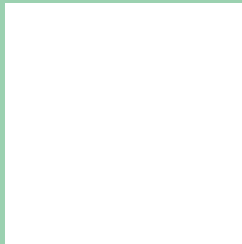
Any Text WCAG AAA ✓ Pass

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

Hex 9BD1B0 Background



This preview shows how black text looks on a background with the Hex color 9BD1B0.

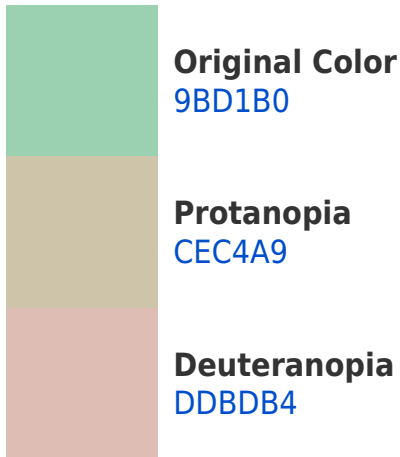


This preview shows how white text looks on a background with the Hex color 9BD1B0.

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
A3CBDB

Trichromacy



Original Color
9BD1B0

Protanomaly
BBC9AC

Deuteranomaly
C5C4B3

Tritanomaly
A0CDCB

Monochromacy



Original Color
9BD1B0

Achromatopsia
BDBDBD

Achromatomaly
B1C4B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BD1B0 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 #9BD1B0 looks like.

```
.text, #text, p{  
    color:#9BD1B0  
}
```

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 #9BD1B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD1B0
}
```

Border

The CSS property to change the border of an element to Hex 9BD1B0 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
#9BD1B0 }
```

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

```
.border{ border-color:#9BD1B0 }
```

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

Here you see how a box with a 4 pixel #9BD1B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD1B0; -webkit-box-shadow:4px 4px  
4px 4px #9BD1B0; box-shadow:4px 4px 4px  
4px #9BD1B0 }
```

Background

The CSS property to change the background color of an element to Hex 9BD1B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD1B0 }
```

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

```
.background{ background-color:#9BD1B0 }
```

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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