

Converting Colors

Hex(9BD7D9)

Have a look what the booklet for
Hex(9BD7D9) contains.

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Color

Hex(9BD7D9)

Conversions

Conversions Part 1

Format	Color
Hex	9BD7D9
RGB	155, 215, 217
RGB Percent	61%, 84%, 85%
CMY	0.3922, 0.1569, 0.1490
CMYK	0.29, 0.01, 0.00, 0.15
HSL	182°, 45%, 73%
HSV	182°, 29%, 85%
XYZ	50.3424, 60.5792, 74.6853
YIQ	197.2880, -36.4020, -12.0980

Conversions

Conversions Part 2

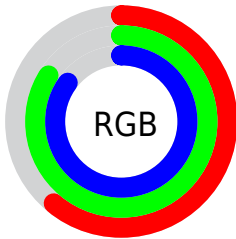
Format	Color
R _{YB}	155, 185, 217
Decimal	10213337
CIE Lab	82.15, -18.52, -7.15
CIE LCh	82, 19.856, 201.120
Yxy	60.5792, 0.2712, 0.3264
Android (android.graphics.Color)	4288403417 (0xFF9BD7D9)
YUV	197.2880, 9.7180, -37.0866
Hunter-Lab	77.8326, -20.7528, -2.4096

Details

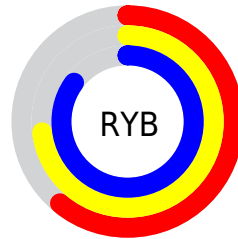
The Hex color **9BD7D9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D99D9B**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D3FFFF**, and **65A0A2** is the 20% darker color. If you saturate the color by 10%, you get **85D6D9**, and if you desaturate by 10%, it is **B1D8D9**.

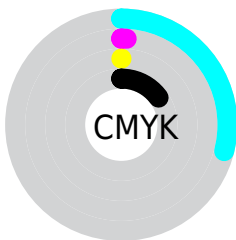
Distribution



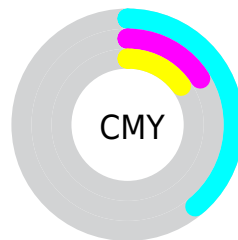
- Red (61%)
- Green (84%)
- Blue (85%)



- Red (61%)
- Yellow (73%)
- Blue (85%)



- Cyan (29%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (39%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BD7D9 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 9BD7D9 by changing the saturation by 10% instead.

 9BD7D9

 9BD7D9

FFFFFF

 80BBBD

 D3FFFF

 65A0A2

 F0FFFF

 4B8688

 316C6F

 135456

 003D3F

 002629

 000F15

 000000

 9BD7D9

 9BD7D9

 85D6D9

 B1D8D9

 70D6D9

 C6D8D9

 5AD5D9

 DCD9D9

 44D4D9

 F2DAD9

 2ED4D9

 FFDBD9

 19D3D9

 FFDCD9

 03D2D9

 FFDDD9

 00D2D9

Harmonies

Analogous

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



A5D7C6



9BD7D9



9FD5E9

Triad

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



9BD7D9



DFC4E4



E0C9A8

Complementary

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



9BD7D9



D99D9B

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.



EEC3B0



9BD7D9



EFC0D3

Square

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



9BD7D9



C9C9EF



F4C0C0



CDCFA9

Rectangle

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



9BD7D9



AAD2EF



F4C0C0



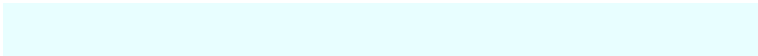
E6C7AA

Sweetspot

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



9BD7D9



E8FEFF



9BD99C



717F80



000000



808080

Same Dimension

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



9BD7D9



A8FCFF



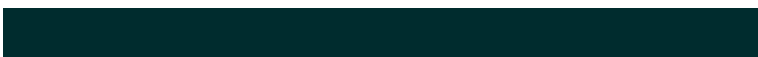
9BB9D9



636D6E



00A8AD



002C2E

Inverse Universe

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



D99BD7



FFA8FC



D9BB9B



6E636D



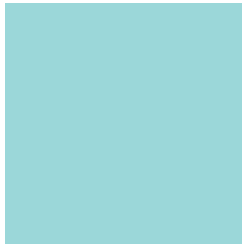
AD00A8



2E002C

Previews

White Background



This preview shows how the Hex color 9BD7D9 looks on a white background.

Color Contrast Check

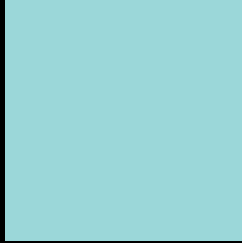
Large Text (above 18pt) WCAG AA × Fail

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 9BD7D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

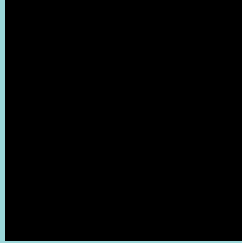
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

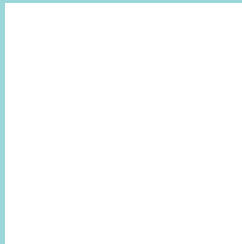
Any Text WCAG AAA ✓ Pass

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

Hex 9BD7D9 Background



This preview shows how black text looks on a background with the Hex color 9BD7D9.

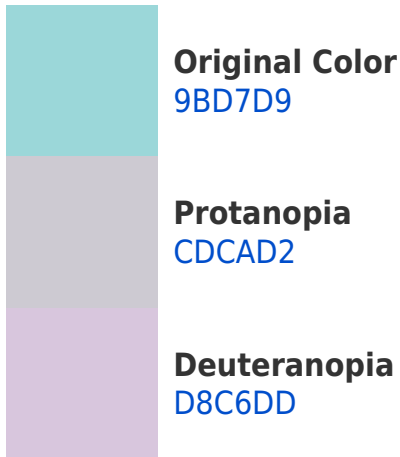


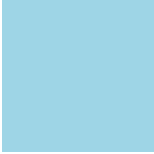
This preview shows how white text looks on a background with the Hex color 9BD7D9.

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](#).

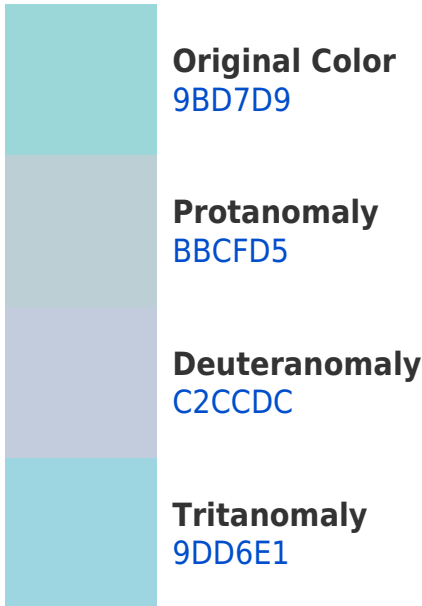
Dichromacy



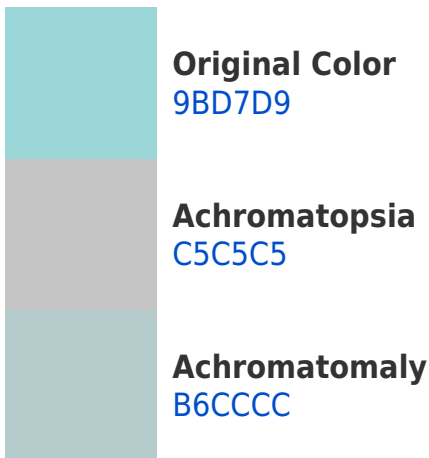


Tritanopia
9ED5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BD7D9 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 #9BD7D9 looks like.

```
.text, #text, p{  
    color:#9BD7D9  
}
```

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 #9BD7D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD7D9
}
```

Border

The CSS property to change the border of an element to Hex 9BD7D9 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
#9BD7D9 }
```

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

```
.border{ border-color:#9BD7D9 }
```

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

Here you see how a box with a 4 pixel #9BD7D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD7D9; -webkit-box-shadow:4px 4px  
4px 4px #9BD7D9; box-shadow:4px 4px 4px  
4px #9BD7D9 }
```

Background

The CSS property to change the background color of an element to Hex 9BD7D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD7D9 }
```

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

```
.background{ background-color:#9BD7D9 }
```

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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