

Converting Colors

Hex(9BD3D8)

Have a look what the booklet for
Hex(9BD3D8) contains.

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Color

Hex(9BD3D8)

Conversions

Conversions Part 1

Format	Color
Hex	9BD3D8
RGB	155, 211, 216
RGB Percent	61%, 83%, 85%
CMY	0.3922, 0.1725, 0.1529
CMYK	0.28, 0.02, 0.00, 0.15
HSL	185°, 44%, 73%
HSV	185°, 28%, 85%
XYZ	49.2065, 58.5150, 73.6668
YIQ	194.8260, -34.9810, -10.3170

Conversions

Conversions Part 2

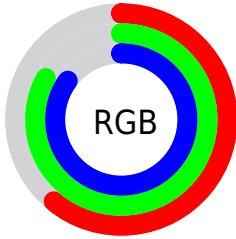
Format	Color
RYB	155, 184, 216
Decimal	10212312
CIELab	81.02, -16.73, -8.29
CIELCh	81, 18.670, 206.373
Yxy	58.5150, 0.2713, 0.3226
Android (android.graphics.Color)	4288402392 (0xFF9BD3D8)
YUV	194.8260, 10.4388, -34.9274
Hunter-Lab	76.4951, -19.0438, -3.5513

Details

The Hex color **9BD3D8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D8A09B**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D3FFFF**, and **669CA1** is the 20% darker color. If you saturate the color by 10%, you get **85D1D8**, and if you desaturate by 10%, it is **B1D5D8**.

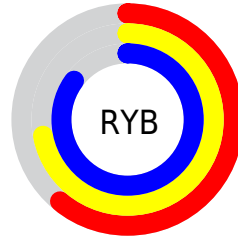
Distribution



Red (61%)

Green (83%)

Blue (85%)



Red (61%)

Yellow (72%)

Blue (85%)

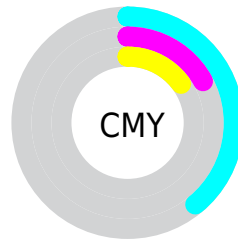


Cyan (28%)

Magenta (2%)

Yellow (0%)

Black (15%)



Cyan (39%)

Magenta (17%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BD3D8 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 9BD3D8 by changing the saturation by 10% instead.

■ 9BD3D8

FFFFFF

■ D3FFFF

■ F0FFFF

■ 9BD3D8

■ 80B7BC

■ 669CA1

■ 4C8287

■ 32696E

■ 155155

■ 003A3E

■ 002428

■ 000814

■ 000000

 9BD3D8

 9BD3D8

 85D1D8

 B1D5D8

 70CFD8

 C6D7D8

 5ACED8

 DCD8D8

 45CCD8

 F1DAD8

 2FCAD8

 FFDCD8

 19C8D8

 FFDED8

 04C7D8

 FFDFD8

 00C6D8

 FFE1D8

 FFE3D8

Harmonies

Analogous

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



A2D3C6



9BD3D8



A1D0E6

Triad

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



9BD3D8



DEC0DD



D9C7A7

Complementary

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



9BD3D8



D8A09B

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.



E7C2AD



9BD3D8



EBBDCC

Square

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



9BD3D8



CAC5E8



EEBEBA



C6CDAA

Rectangle

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



9BD3D8



ACCDEB



EEBEBA



DFC5A8

Sweetspot

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



9BD3D8



EBFDFD



9BD89F



737E80



000000



808080

Same Dimension

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



9BD3D8



A8F8FF



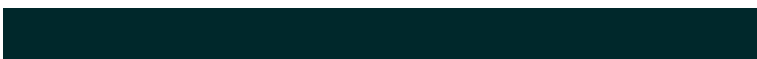
9BB5D8



606A6B



009DAB



00282B

Inverse Universe

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



D89BD3



FFA8F8



D8BE9B



6B606A



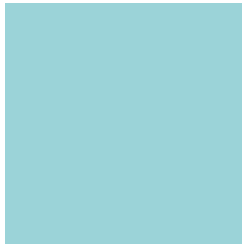
AB009D



2B0028

Previews

White Background



This preview shows how the Hex color 9BD3D8 looks on a white background.

Color Contrast Check

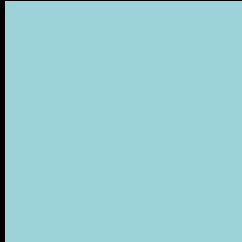
Large Text (above 18pt) WCAG AA × Fail

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 9BD3D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

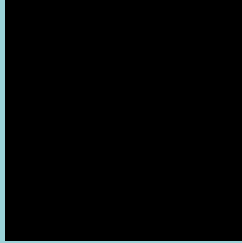
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

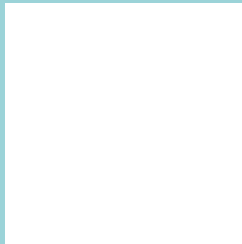
Any Text WCAG AAA ✓ Pass

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

Hex 9BD3D8 Background



This preview shows how black text looks on a background with the Hex color 9BD3D8.

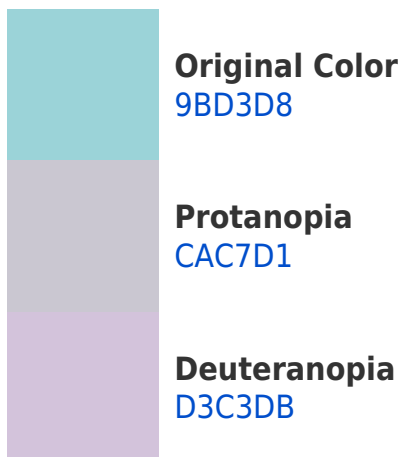


This preview shows how white text looks on a background with the Hex color 9BD3D8.

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](#).

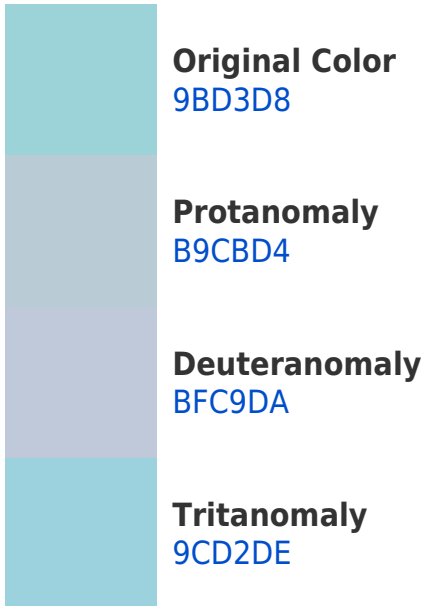
Dichromacy



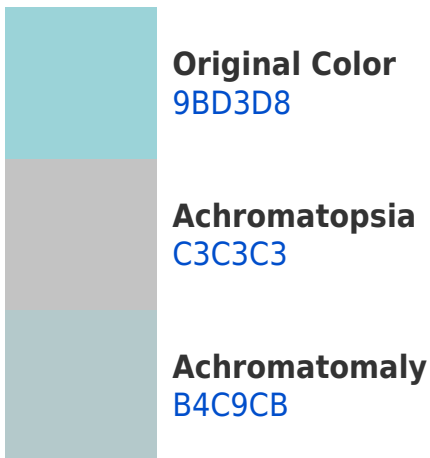


Tritanopia
9DD1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BD3D8 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 #9BD3D8 looks like.

```
.text, #text, p{  
    color:#9BD3D8  
}
```

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 #9BD3D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD3D8
}
```

Border

The CSS property to change the border of an element to Hex 9BD3D8 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
#9BD3D8 }
```

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

```
.border{ border-color:#9BD3D8 }
```

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

Here you see how a box with a 4 pixel #9BD3D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD3D8; -webkit-box-shadow:4px 4px  
4px 4px #9BD3D8; box-shadow:4px 4px 4px  
4px #9BD3D8 }
```

Background

The CSS property to change the background color of an element to Hex 9BD3D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD3D8 }
```

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

```
.background{ background-color:#9BD3D8 }
```

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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