

Converting Colors

Hex(9BD6DA)

Have a look what the booklet for
Hex(9BD6DA) contains.

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Color

Hex(9BD6DA)

Conversions

Conversions Part 1

Format	Color
Hex	9BD6DA
RGB	155, 214, 218
RGB Percent	61%, 84%, 85%
CMY	0.3922, 0.1608, 0.1451
CMYK	0.29, 0.02, 0.00, 0.15
HSL	184°, 46%, 73%
HSV	184°, 29%, 85%
XYZ	50.2190, 60.1237, 75.2879
YIQ	196.8150, -36.4480, -11.2640

Conversions

Conversions Part 2

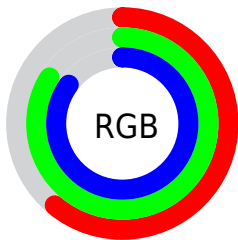
Format	Color
RYB	155, 185, 218
Decimal	10213082
CIELab	81.91, -17.79, -8.05
CIELCh	82, 19.528, 204.355
Yxy	60.1237, 0.2705, 0.3239
Android (android.graphics.Color)	4288403162 (0xFF9BD6DA)
YUV	196.8150, 10.4442, -36.6718
Hunter-Lab	77.5394, -20.0871, -3.2907

Details

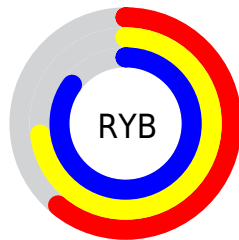
The Hex color **9BD6DA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DA9F9B**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D3FFFF**, and **659FA3** is the 20% darker color. If you saturate the color by 10%, you get **85D5DA**, and if you desaturate by 10%, it is **B1D7DA**.

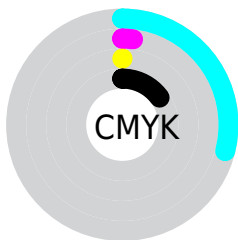
Distribution



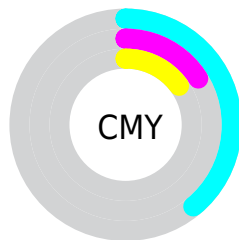
- Red (61%)
- Green (84%)
- Blue (85%)



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



- Cyan (29%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 9BD6DA 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 9BD6DA by changing the saturation by 10% instead.

 9BD6DA

FFFFFF

 D3FFFF


 F0FFFF

 9BD6DA

 80BABE

 659FA3

 4B8589

 316C70

 135357

 003C40

 00262A

 000E16

 000000

9BD6DA

9BD6DA

85D5DA

B1D7DA

6FD3DA

C7D9DA

5AD2DA

DCDADA

44D0DA

F2DCDA

2ECFDA

FFDDDA

18CEDA

FFDEDA

02CCDA

FFE0DA

00CCDA

FFE1DA

FFE2DA

Harmonies

Analogous

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



A3D6C7



9BD6DA



A1D3E9

Triad

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



9BD6DA



E0C2E1



DEC9A8

Complementary

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



9BD6DA



DA9F9B

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.



ECC3AF



9BD6DA



EEBFD0

Square

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



9BD6DA



CBC8ED



F2C0BD



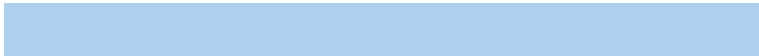
CACFAA

Rectangle

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



9BD6DA



ACD0EE



F2C0BD



E3C7A9

Sweetspot

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



9BD6DA



E8FEFF



9BDA9E



717F80



000000



808080

Same Dimension

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



9BD6DA



A6F9FF



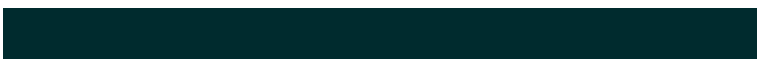
9BB7DA



636D6E



00A2AD



002B2E

Inverse Universe

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



DA9BD6



FFA6F9



DABE9B



6E636D



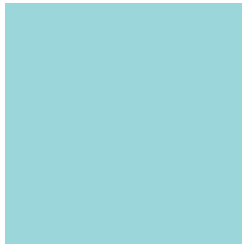
AD00A2



2E002B

Previews

White Background



This preview shows how the Hex color 9BD6DA looks on a white background.

Color Contrast Check

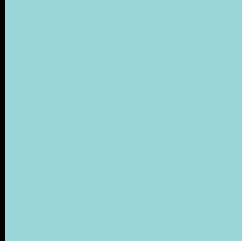
Large Text (above 18pt) WCAG AA × Fail

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 9BD6DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

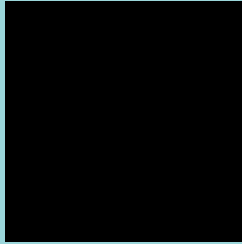
Any Text WCAG AA ✓ Pass

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 9BD6DA Background



This preview shows how black text looks on a background with the Hex color 9BD6DA.

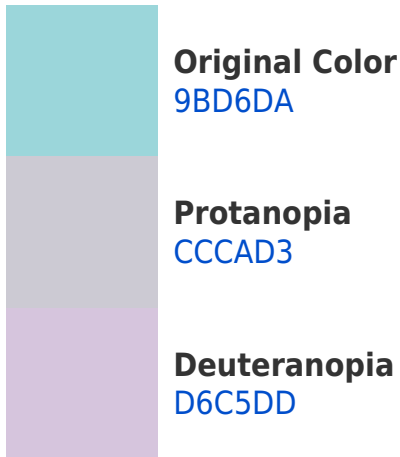


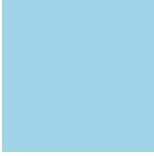
This preview shows how white text looks on a background with the Hex color 9BD6DA.

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](#).

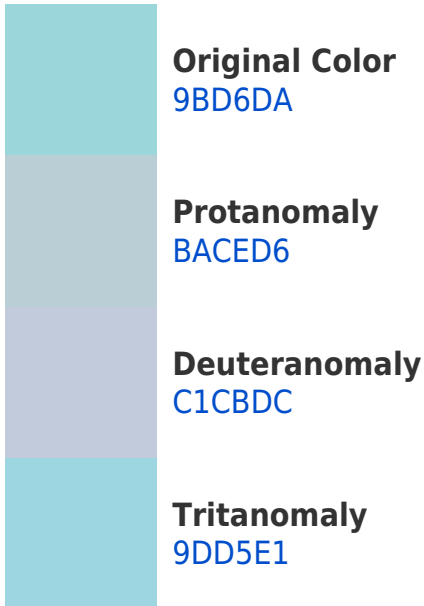
Dichromacy



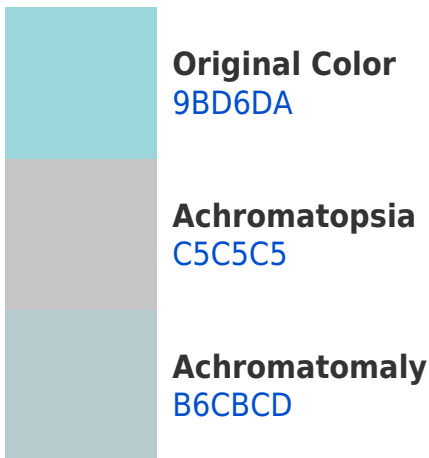


Tritanopia
9ED4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BD6DA 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 #9BD6DA looks like.

```
.text, #text, p{  
    color:#9BD6DA  
}
```

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 #9BD6DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD6DA
}
```

Border

The CSS property to change the border of an element to Hex 9BD6DA 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
#9BD6DA }
```

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

```
.border{ border-color:#9BD6DA }
```

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

Here you see how a box with a 4 pixel #9BD6DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD6DA; -webkit-box-shadow:4px 4px  
4px 4px #9BD6DA; box-shadow:4px 4px 4px  
4px #9BD6DA }
```

Background

The CSS property to change the background color of an element to Hex 9BD6DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD6DA }
```

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

```
.background{ background-color:#9BD6DA }
```

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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