

Converting Colors

Hex(9BDDDE)

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

| | |
|--|----|
| Hex(9BDDDE) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(9BDDDE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9BDDDE |
| RGB | 155, 221, 222 |
| RGB Percent | 61%, 87%, 87% |
| CMY | 0.3922, 0.1333, 0.1294 |
| CMYK | 0.30, 0.00, 0.00, 0.13 |
| HSL | 181°, 50%, 74% |
| HSV | 181°, 30%, 87% |
| XYZ | 52.5588, 63.9554, 78.6817 |
| YIQ | 201.3800, -39.6570, -13.6810 |

Conversions

Conversions Part 2

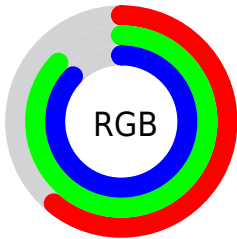
| Format | Color |
|-------------------------------------|---|
| RYB | 155, 188, 222 |
| Decimal | 10214878 |
| CIELab | 83.94, -20.39, -7.16 |
| CIElCh | 84, 21.609, 199.348 |
| Yxy | 63.9554, 0.2693, 0.3276 |
| Android (android.graphics.Color) | 4288404958 (0xFF9BDDDE) |
| YUV | 201.3800, 10.1657, -40.6753 |
| Hunter-Lab | 79.9721, -22.6384, -2.3528 |

Details

The Hex color **9BDDDE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DE9C9B**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D3FFFF**, and **65A6A7** is the 20% darker color. If you saturate the color by 10%, you get **85DDDE**, and if you desaturate by 10%, it is **B1DDDE**.

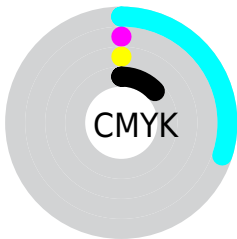
Distribution



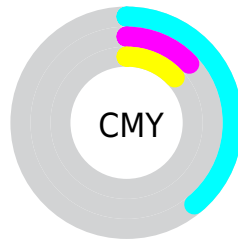
- Red (61%)
- Green (87%)
- Blue (87%)



- Red (61%)
- Yellow (74%)
- Blue (87%)



- Cyan (30%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (39%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 9BDDDE

 9BDDDE

FFFFFF

 80C1C2

 D3FFFF

 65A6A7

 F0FFFF

 4A8B8D

 2F7273

 0F595B

 004143

 002B2D

 001718

 000000

 9BDDDE

 9BDDDE

 85DDDE

 B1DDDE

 6FDCDE

 C7DEDE

 58DCDE

 DEDEDE

 42DCDE

 F4DEDE

 2CDBDE

 FFD FDE

 16DBDE

 FFE0DE

 00DBDE

Harmonies

Analogous

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



A7DDC9



9BDDDE



9EDAEF

Triad

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



9BDDDE



E5C8EC



E8CDAA

Complementary

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



9BDDDE



DE9C9B

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.



F7C7B3



9BDDDE



F6C4D9

Square

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



9BDDDE



CCCFF8



FCC3C5



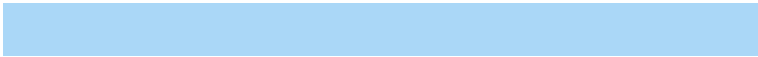
D3D4AB

Rectangle

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



9BDDDE



AAD7F7



FCC3C5



EECBAC

Sweetspot

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



9BDDDE



E8FFFF



9BDE9B



717F80



000000



808080

Same Dimension

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



9BDDDE



A3FEFF



9BBDDE



657070



00ADB0



003030

Inverse Universe

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



DE9BDD



FFA3FE



DEBD9B



706570



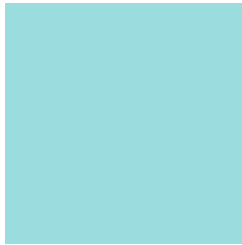
B000AD



300030

Previews

White Background



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

Color Contrast Check

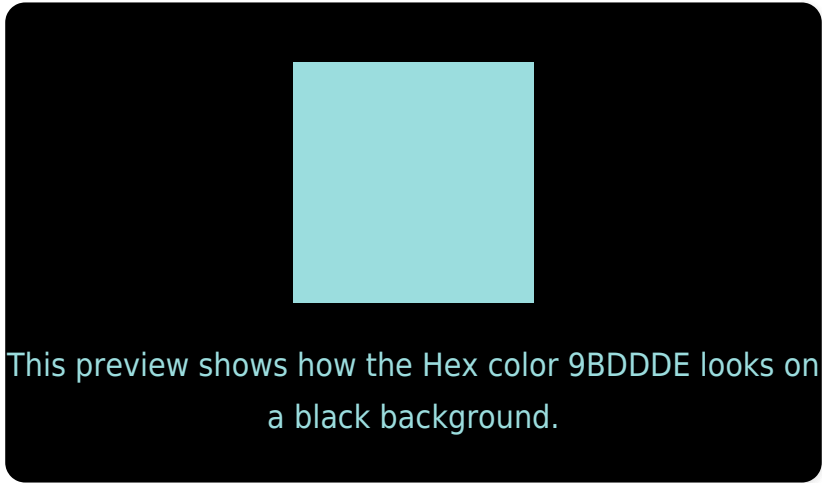
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 9BDDDE Background



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

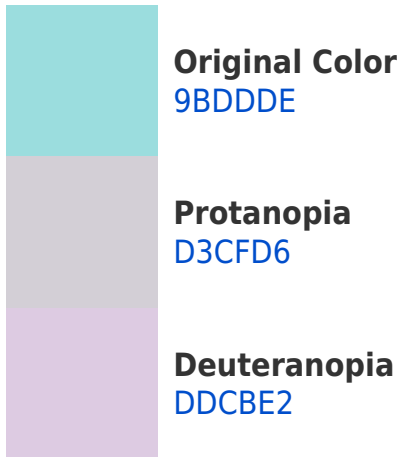


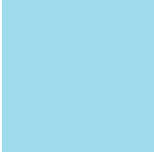
This preview shows how white text looks on a background with the Hex color 9BDDDE.

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](#).

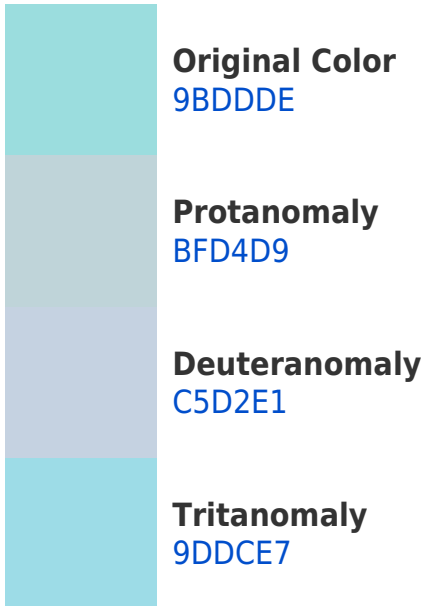
Dichromacy



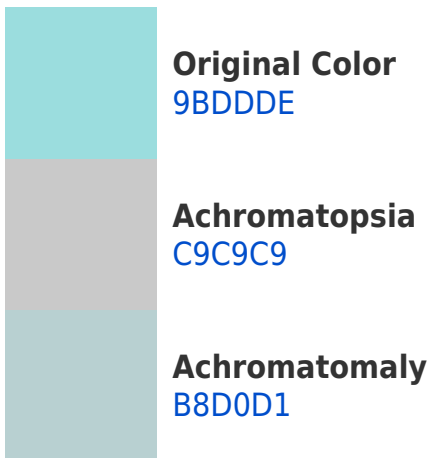


Tritanopia
9EDBEC

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9BDDDE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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