

Converting Colors

Hex(9BD0DE)

Have a look what the booklet for
Hex(9BD0DE) contains.

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Color

Hex(9BD0DE)

Conversions

Conversions Part 1

Format	Color
Hex	9BD0DE
RGB	155, 208, 222
RGB Percent	61%, 82%, 87%
CMY	0.3922, 0.1843, 0.1294
CMYK	0.30, 0.06, 0.00, 0.13
HSL	193°, 50%, 74%
HSV	193°, 30%, 87%
XYZ	49.2583, 57.3542, 77.5815
YIQ	193.7490, -36.0820, -6.8820

Conversions

Conversions Part 2

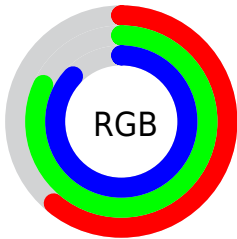
Format	Color
R_{YB}	155, 185, 222
Decimal	10211550
CIE _{Lab}	80.38, -13.80, -12.46
CIE _{LCh}	80, 18.597, 222.082
Yxy	57.3542, 0.2674, 0.3114
Android (android.graphics.Color)	4288401630 (0xFF9BD0DE)
YUV	193.7490, 13.9277, -33.9829
Hunter-Lab	75.7326, -16.4314, -7.7247

Details

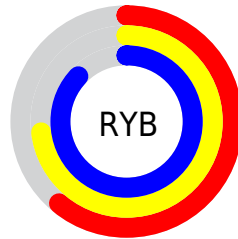
The Hex color **9BD0DE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DEA99B**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **D3FFFF**, and **659AA7** is the 20% darker color. If you saturate the color by 10%, you get **85CBDE**, and if you desaturate by 10%, it is **B1D5DE**.

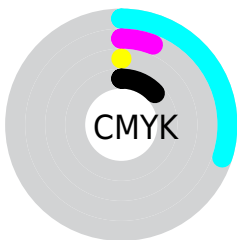
Distribution



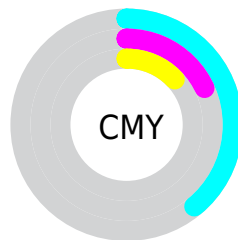
- Red (61%)
- Green (82%)
- Blue (87%)



- Red (61%)
- Yellow (73%)
- Blue (87%)



- Cyan (30%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (39%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BD0DE 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 9BD0DE by changing the saturation by 10% instead.

■ 9BD0DE

FFFFFF

■ D3FFFF

■ F0FFFF

■ 9BD0DE

■ 80B4C2

■ 659AA7

■ 4B808D

■ 316673

■ 144E5A

■ 003743

■ 00222D

■ 000419

■ 000000

 9BD0DE

 9BD0DE

 85CBDE

 B1D5DE

 6FC7DE

 C7D9DE

 58C2DE

 DEDEDE

 42BDDE

 F4E3DE

 2CB9DE

 FFE7DE

 16B4DE

 FFECDE

 00B0DE

 FFF0DE

 FFF5DE

 FFFADE

Harmonies

Analogous

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



9BD2CE



9BD0DE



A8CCE8

Triad

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



9BD0DE



E4BDD3



CEC8A5

Complementary

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



9BD0DE



DEA99B

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.



DFC3A7



9BD0DE



ECBBC1

Square

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



9BD0DE



D3C1E1



EABEB1



BACDAD

Rectangle

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



9BD0DE



B6C8EA



EABEB1



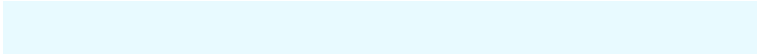
D4C7A5

Sweetspot

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



9BD0DE



E8FAFF



9BDEA8



717D80



000000



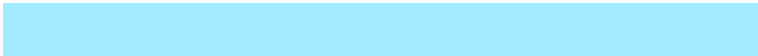
808080

Same Dimension

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



9BD0DE



A3ECFF



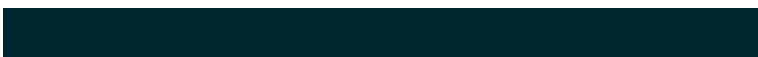
9BAFDE



656E70



008BB0



002630

Inverse Universe

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



DE9BD0



FFA3EC



DECA9B



70656E



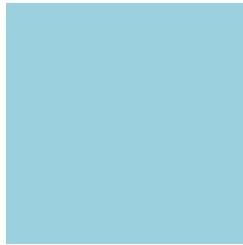
B0008B



300026

Previews

White Background



This preview shows how the Hex color 9BD0DE looks on a white background.

Color Contrast Check

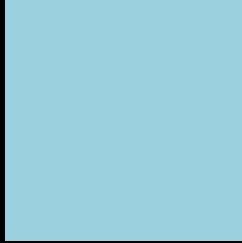
Large Text (above 18pt) WCAG AA × Fail

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 9BD0DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

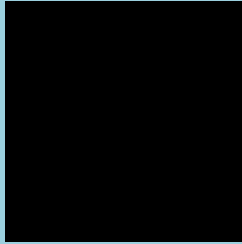
Any Text WCAG AA ✓ Pass

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 9BD0DE Background



This preview shows how black text looks on a background with the Hex color 9BD0DE.

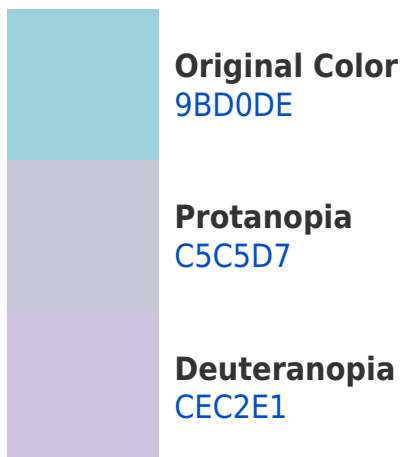


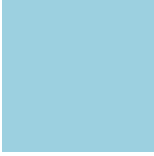
This preview shows how white text looks on a background with the Hex color 9BD0DE.

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



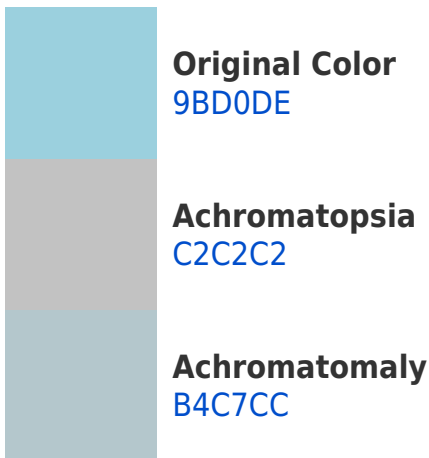


Tritanopia
9CD0E0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BD0DE 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 #9BD0DE looks like.

```
.text, #text, p{  
    color:#9BD0DE  
}
```

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 #9BD0DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD0DE
}
```

Border

The CSS property to change the border of an element to Hex 9BD0DE 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
#9BD0DE }
```

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

```
.border{ border-color:#9BD0DE }
```

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

Here you see how a box with a 4 pixel #9BD0DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD0DE; -webkit-box-shadow:4px 4px  
4px 4px #9BD0DE; box-shadow:4px 4px 4px  
4px #9BD0DE }
```

Background

The CSS property to change the background color of an element to Hex 9BD0DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD0DE }
```

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

```
.background{ background-color:#9BD0DE }
```

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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