

Converting Colors

Hex(9BD7E3)

Have a look what the booklet for
Hex(9BD7E3) contains.

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Color

Hex(9BD7E3)

Conversions

Conversions Part 1

Format	Color
Hex	9BD7E3
RGB	155, 215, 227
RGB Percent	61%, 84%, 89%
CMY	0.3922, 0.1569, 0.1098
CMYK	0.32, 0.05, 0.00, 0.11
HSL	190°, 56%, 75%
HSV	190°, 32%, 89%
XYZ	51.6831, 61.1155, 81.7455
YIQ	198.4280, -39.6120, -8.9880

Conversions

Conversions Part 2

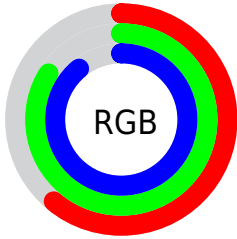
Format	Color
R _{YB}	155, 188, 227
Decimal	10213347
CIE Lab	82.44, -16.21, -12.05
CIE LCh	82, 20.195, 216.627
Yxy	61.1155, 0.2657, 0.3141
Android (android.graphics.Color)	4288403427 (0xFF9BD7E3)
YUV	198.4280, 14.0860, -38.0864
Hunter-Lab	78.1764, -18.8007, -7.2734

Details

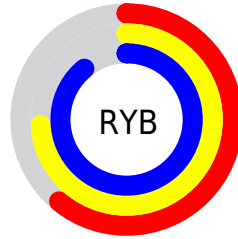
The Hex color **9BD7E3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3A79B**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **D3FFFF**, and **65A0AC** is the 20% darker color. If you saturate the color by 10%, you get **84D3E3**, and if you desaturate by 10%, it is **B2DBE3**.

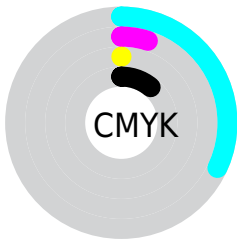
Distribution



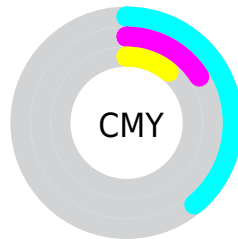
- Red (61%)
- Green (84%)
- Blue (89%)



- Red (61%)
- Yellow (74%)
- Blue (89%)



- Cyan (32%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (39%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BD7E3 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 9BD7E3 by changing the saturation by 10% instead.

■ 9BD7E3

■ 9BD7E3

FFFFFF

■ 80BBC7

■ D3FFFF

■ 65A0AC

■ F0FFFF

■ 4A8691

■ 2F6D77

■ 0F545F

■ 003D47

■ 002731

■ 00111C

■ 000000

9BD7E3

9BD7E3

84D3E3

B2DBE3

6ECFE3

C8DFE3

57CCE3

DFE2E3

40C8E3

F6E6E3

29C4E3

FFEAE3

13C0E3

FFEEE3

00BDE3

FFF1E3

FFF5E3

FFF9E3

Harmonies

Analogous

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



9ED8D1



9BD7E3



A7D3EF

Triad

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



9BD7E3



EAC2DD



D8CDA8

Complementary

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



9BD7E3



E3A79B

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.



E9C7AB



9BD7E3



F4C0C9

Square

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



9BD7E3



D6C7EC



F4C2B7



C2D3AE

Rectangle

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



9BD7E3



B5CFF3



F4C2B7



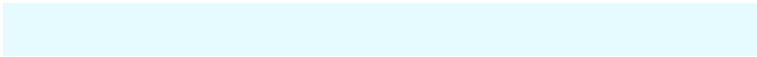
DECBA8

Sweetspot

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



9BD7E3



E6FBFF



9BE3A7



707D80



000000



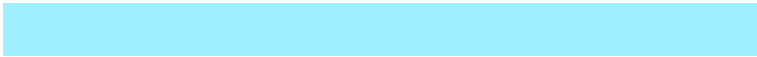
808080

Same Dimension

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



9BD7E3



9EEFFF



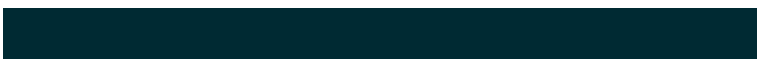
9BB3E3



677173



0095B3



002A33

Inverse Universe

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



E39BD7



FF9EEF



E3CB9B



736771



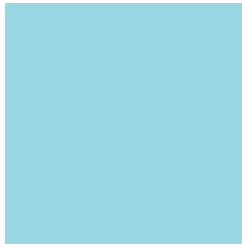
B30095



33002B

Previews

White Background



This preview shows how the Hex color 9BD7E3 looks on a white background.

Color Contrast Check

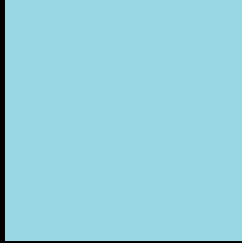
Large Text (above 18pt) WCAG AA × Fail

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 9BD7E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

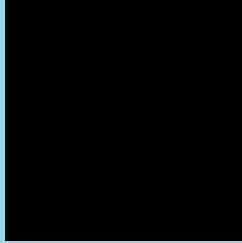
Any Text WCAG AA ✓ Pass

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 9BD7E3 Background



This preview shows how black text looks on a background with the Hex color 9BD7E3.

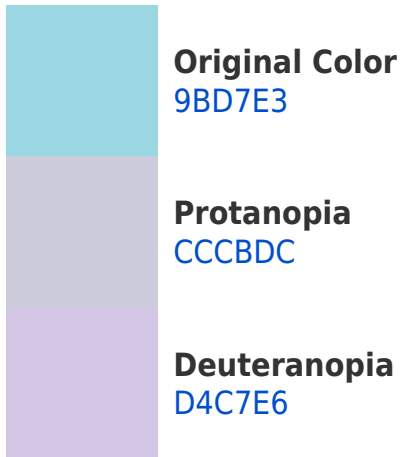


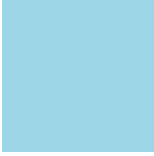
This preview shows how white text looks on a background with the Hex color 9BD7E3.

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](#).

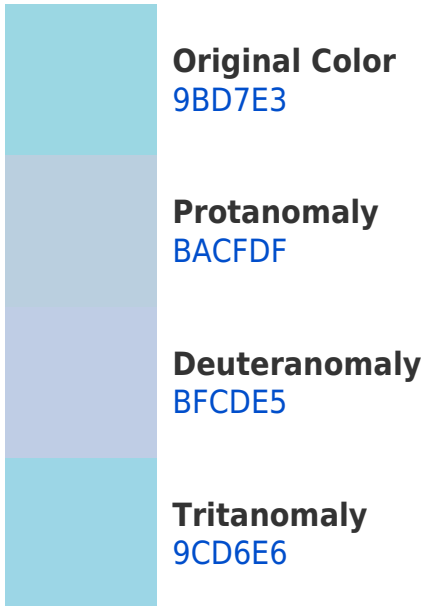
Dichromacy



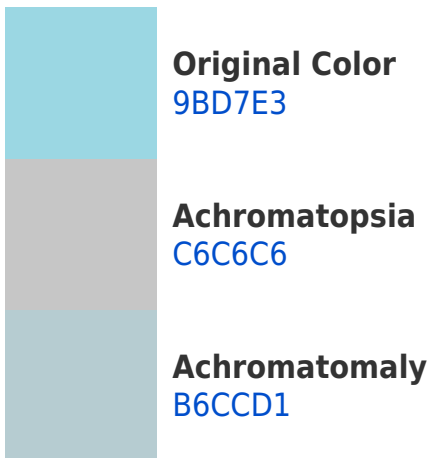


Tritanopia
9CD6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BD7E3 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 #9BD7E3 looks like.

```
.text, #text, p{  
    color:#9BD7E3  
}
```

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 #9BD7E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD7E3
}
```

Border

The CSS property to change the border of an element to Hex 9BD7E3 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
#9BD7E3 }
```

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

```
.border{ border-color:#9BD7E3 }
```

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

Here you see how a box with a 4 pixel #9BD7E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD7E3; -webkit-box-shadow:4px 4px  
4px 4px #9BD7E3; box-shadow:4px 4px 4px  
4px #9BD7E3 }
```

Background

The CSS property to change the background color of an element to Hex 9BD7E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD7E3 }
```

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

```
.background{ background-color:#9BD7E3 }
```

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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