

Converting Colors

Hex(9BDDE3)

Have a look what the booklet for
Hex(9BDDE3) contains.

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Color

Hex(9BDDE3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9BDDE3 |
| RGB | 155, 221, 227 |
| RGB Percent | 61%, 87%, 89% |
| CMY | 0.3922, 0.1333, 0.1098 |
| CMYK | 0.32, 0.03, 0.00, 0.11 |
| HSL | 185°, 56%, 75% |
| HSV | 185°, 32%, 89% |
| XYZ | 53.2391, 64.2275, 82.2642 |
| YIQ | 201.9500, -41.2620, -12.1260 |

Conversions

Conversions Part 2

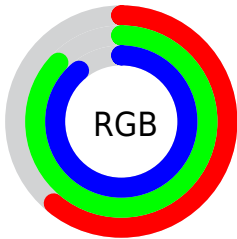
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 155, 189, 227 |
| Decimal | 10214883 |
| CIELab | 84.08, -19.24, -9.60 |
| CIELCh | 84, 21.497, 206.520 |
| Yxy | 64.2275, 0.2666, 0.3216 |
| Android (android.graphics.Color) | 4288404963 (0xFF9BDDE3) |
| YUV | 201.9500, 12.3497, -41.1751 |
| Hunter-Lab | 80.1421, -21.6694, -4.7605 |

Details

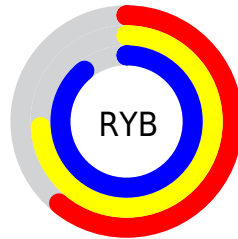
The Hex color **9BDDE3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3A19B**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D3FFFF**, and **65A6AC** is the 20% darker color. If you saturate the color by 10%, you get **84DBE3**, and if you desaturate by 10%, it is **B2DFE3**.

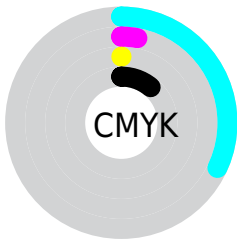
Distribution



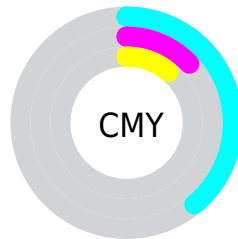
- Red (61%)
- Green (87%)
- Blue (89%)



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



- Cyan (32%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (39%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BDDE3 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 9BDDE3 by changing the saturation by 10% instead.

 9BDDE3

 9BDDE3

FFFFFF

 80C1C7

 D3FFFF

 65A6AC

 F1FFFF

 4A8B91

 2E7277

 0C595F

 004147

 002B31

 00181C

 000000

■ 9BDDE3

■ 9BDDE3

■ 84DBE3

■ B2DFE3

■ 6ED9E3

■ C8E1E3

■ 57D7E3

■ DFE3E3

■ 40D5E3

■ F6E5E3

■ 29D4E3

■ FFE6E3

■ 13D2E3

■ FFE8E3

■ 00D0E3

■ FFEAE3

■ FFECE3

■ FFE EE3

Harmonies

Analogous

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



A4DDCF



9BDDE3



A2DAF3

Triad

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



9BDDE3



EAC7E8



E4D0AA

Complementary

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



9BDDE3



E3A19B

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.



F4C9B1



9BDDE3



F9C4D5

Square

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



9BDDE3



D2CDF6



FCC4C1



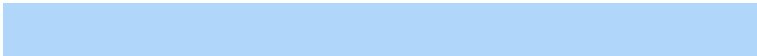
CED6AD

Rectangle

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



9BDDE3



B0D6F9



FCC4C1



EACDAB

Sweetspot

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



9BDDE3



E6DFFF



9BE3A1



707E80



000000



808080

Same Dimension

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



9BDDE3



9EF7FF



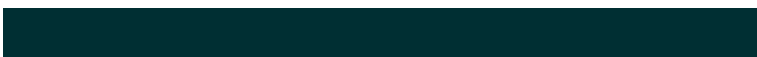
9BBAE3



677273



00A4B3



002F33

Inverse Universe

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



E39BDD



FF9EF7



E3C59B



736772



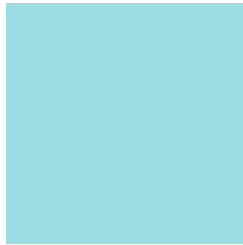
B300A4



33002F

Previews

White Background



This preview shows how the Hex color 9BDDE3 looks on a white background.

Color Contrast Check

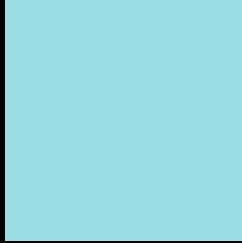
Large Text (above 18pt) WCAG AA × Fail

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 9BDDE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

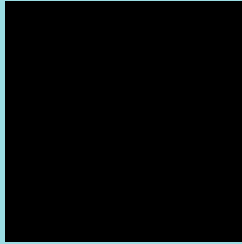
Any Text WCAG AA ✓ Pass

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 9BDDE3 Background



This preview shows how black text looks on a background with the Hex color 9BDDE3.

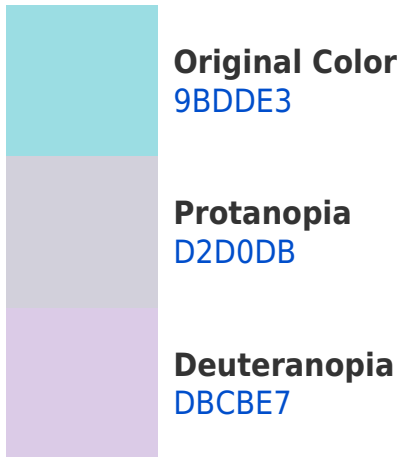


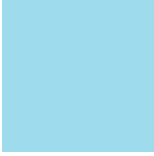
This preview shows how white text looks on a background with the Hex color 9BDDE3.

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](#).

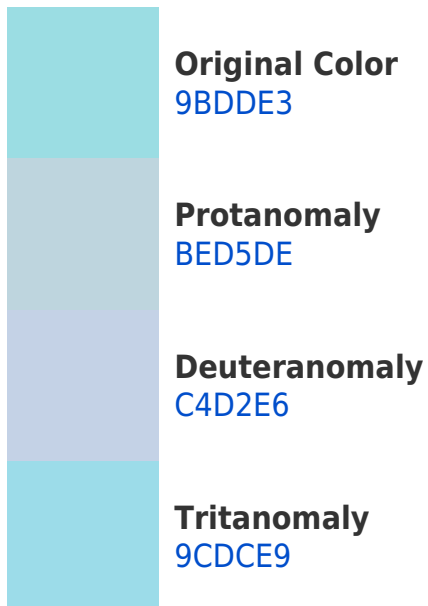
Dichromacy



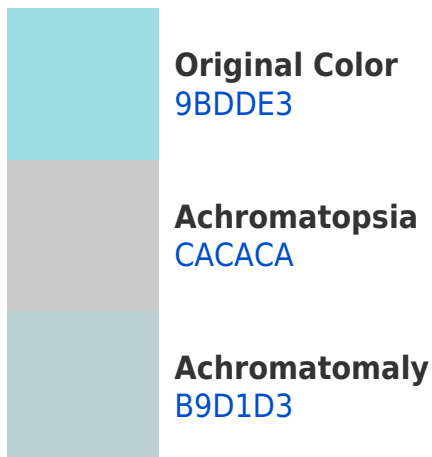


Tritanopia
9DDBED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BDDE3 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 #9BDDE3 looks like.

```
.text, #text, p{  
    color:#9BDDE3  
}
```

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 #9BDDE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BDDE3  
}
```

Border

The CSS property to change the border of an element to Hex 9BDDE3 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  
#9BDDE3 }
```

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

```
.border{ border-color:#9BDDE3 }
```

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

Here you see how a box with a 4 pixel #9BDDE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BDDE3; -webkit-box-shadow:4px 4px  
4px 4px #9BDDE3; box-shadow:4px 4px 4px  
4px #9BDDE3 }
```

Background

The CSS property to change the background color of an element to Hex 9BDDE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BDDE3 }
```

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

```
.background{ background-color:#9BDDE3 }
```

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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