

Converting Colors

Hex(9BDDE2)

Have a look what the booklet for
Hex(9BDDE2) contains.

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Color

Hex(9BDDE2)

Conversions

Conversions Part 1

Format	Color
Hex	9BDDE2
RGB	155, 221, 226
RGB Percent	61%, 87%, 89%
CMY	0.3922, 0.1333, 0.1137
CMYK	0.31, 0.02, 0.00, 0.11
HSL	184°, 55%, 75%
HSV	184°, 31%, 89%
XYZ	53.1015, 64.1725, 81.5393
YIQ	201.8360, -40.9410, -12.4370

Conversions

Conversions Part 2

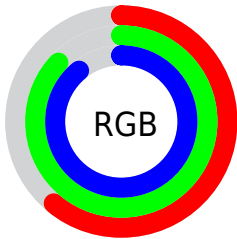
Format	Color
RYB	155, 189, 226
Decimal	10214882
CIELab	84.06, -19.47, -9.11
CIElCh	84, 21.494, 205.081
Yxy	64.1725, 0.2671, 0.3228
Android (android.graphics.Color)	4288404962 (0xFF9BDDE2)
YUV	201.8360, 11.9129, -41.0752
Hunter-Lab	80.1077, -21.8651, -4.2742

Details

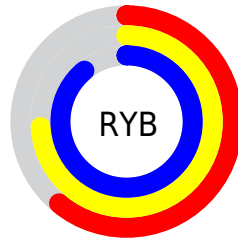
The Hex color **9BDDE2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2A09B**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D3FFFF**, and **65A6AB** is the 20% darker color. If you saturate the color by 10%, you get **84DBE2**, and if you desaturate by 10%, it is **B2DFE2**.

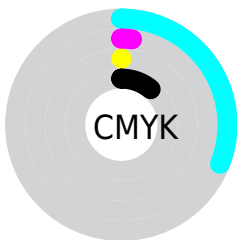
Distribution



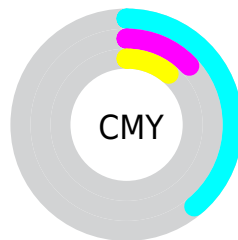
- Red (61%)
- Green (87%)
- Blue (89%)



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



- Cyan (31%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 9BDDE2 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 9BDDE2 by changing the saturation by 10% instead.

 9BDDE2

FFFFFF

 D3FFFF

 F1FFFF

 9BDDE2

 80C1C6

 65A6AB

 4A8B90

 2E7277

 0D595E

 004146

 002B30

 00181B

 000000

 9BDDE2

 9BDDE2

 84DBE2

 B2DFE2

 6EDAE2

 C8E0E2

 57D8E2

 DFE2E2

 41D7E2

 F5E3E2

 2AD5E2

 FFE5E2

 13D3E2

 FFE7E2

 00D2E2

 FFE8E2

 FFEAE2

 FFEBE2

Harmonies

Analogous

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



A4DDCD



9BDDE2



A2DAF2

Triad

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



9BDDE2



E9C7E9



E5CFAA

Complementary

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



9BDDE2



E2A09B

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.



F5C9B1



9BDDE2



F8C4D6

Square

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



9BDDE2



D1CEF6



FCC4C1



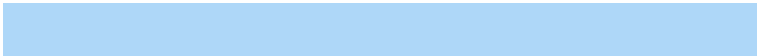
CFD6AD

Rectangle

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



9BDDE2



AED7F8



FCC4C1



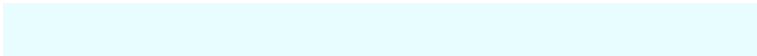
EBCDAB

Sweetspot

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



9BDDE2



E8FDFF



9BE2A0



717F80



000000



808080

Same Dimension

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



9BDDE2



9EF8FF



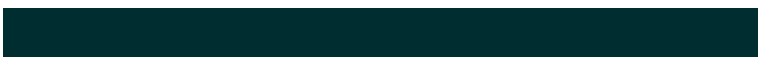
9BBAE2



656F70



00A4B0



002D30

Inverse Universe

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



E29BDD



FF9EF8



E2C39B



70656F



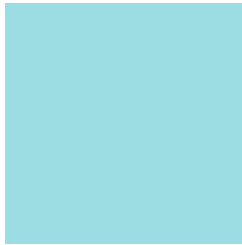
B000A4



30002D

Previews

White Background



This preview shows how the Hex color 9BDDE2 looks on a white background.

Color Contrast Check

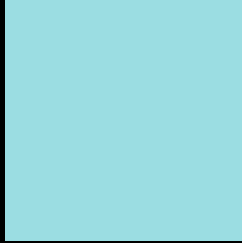
Large Text (above 18pt) WCAG AA × Fail

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 9BDDE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

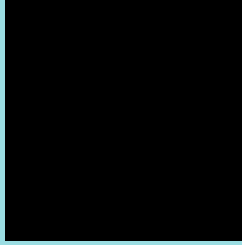
Any Text WCAG AA ✓ Pass

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 9BDDE2 Background



This preview shows how black text looks on a background with the Hex color 9BDDE2.

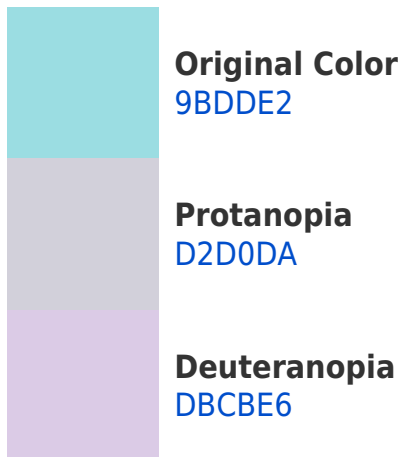


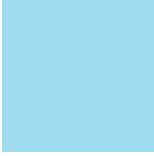
This preview shows how white text looks on a background with the Hex color 9BDDE2.

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](#).

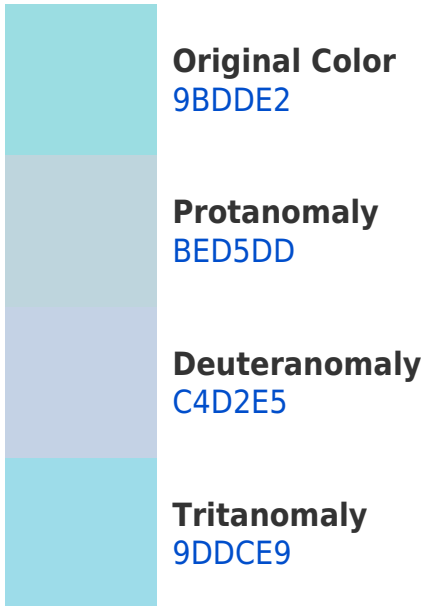
Dichromacy



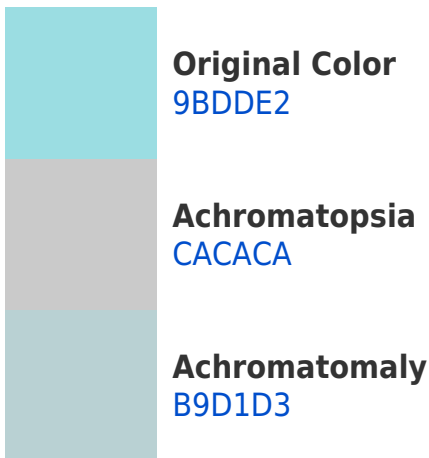


Tritanopia
9EDBED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BDDE2 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 #9BDDE2 looks like.

```
.text, #text, p{  
    color:#9BDDE2  
}
```

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 #9BDDE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BDDE2
}
```

Border

The CSS property to change the border of an element to Hex 9BDDE2 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
#9BDDE2 }
```

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

```
.border{ border-color:#9BDDE2 }
```

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

Here you see how a box with a 4 pixel #9BDDE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BDDE2; -webkit-box-shadow:4px 4px  
4px 4px #9BDDE2; box-shadow:4px 4px 4px  
4px #9BDDE2 }
```

Background

The CSS property to change the background color of an element to Hex 9BDDE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BDDE2 }
```

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

```
.background{ background-color:#9BDDE2 }
```

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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