

Converting Colors

Hex(9BDEDF)

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

Hex(9BDEDF)	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(9BDEDF)

Conversions

Conversions Part 1

Format	Color
Hex	9BDEDF
RGB	155, 222, 223
RGB Percent	61%, 87%, 87%
CMY	0.3922, 0.1294, 0.1255
CMYK	0.30, 0.00, 0.00, 0.13
HSL	181°, 52%, 74%
HSV	181°, 30%, 87%
XYZ	52.9581, 64.5388, 79.4781
YIQ	202.0810, -40.2530, -13.8930

Conversions

Conversions Part 2

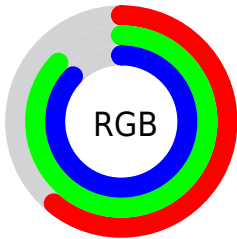
Format	Color
RYB	155, 189, 223
Decimal	10215135
CIELab	84.25, -20.66, -7.24
CIELCh	84, 21.890, 199.315
Yxy	64.5388, 0.2689, 0.3276
Android (android.graphics.Color)	4288405215 (0xFF9BDEDF)
YUV	202.0810, 10.3131, -41.2900
Hunter-Lab	80.3361, -22.9196, -2.4216

Details

The Hex color **9BDEDF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DF9C9B**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D3FFFF**, and **65A7A8** is the 20% darker color. If you saturate the color by 10%, you get **85DEDF**, and if you desaturate by 10%, it is **B1DEDF**.

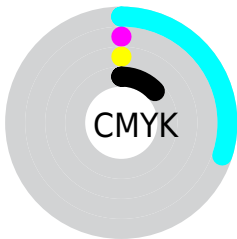
Distribution



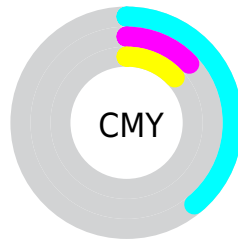
- Red (61%)
- Green (87%)
- Blue (87%)



- 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 9BDEDF 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 9BDEDF by changing the saturation by 10% instead.

 9BDEDF

 9BDEDF

FFFFFF

 80C2C3

 D3FFFF

 65A7A8

 F0FFFF

 4A8C8D

 2F7374

 0E5A5B

 004244

 002C2E

 001819

 000000

 9BDEDF

 9BDEDF

 85DEDF

 B1DEDF

 6EDDDF

 C8DFDF

 58DDDF

 DEDDFD

 42DDDF

 F4DFDF

 2BDCDF

 FFE0DF

 15DCDF

 FFE1DF

 00DCDF

Harmonies

Analogous

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



A7DECA



9BDEDF



9EDBF1

Triad

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



9BDEDf



E6C9ED



E9CEAA

Complementary

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



9BDEDF



DF9C9B

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.



F8C8B4



9BDEDF



F7C4DA

Square

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



9BDEDF



CCCFF9



FDC4C5



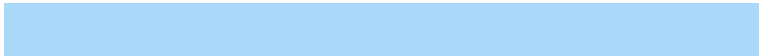
D4D5AB

Rectangle

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



9BDEDF



AAD8F8



FDC4C5



EFCCAC

Sweetspot

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



9BDEDF



E8FFFF



9BDF9B



717F80



000000



808080

Same Dimension

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



9BDEDF



A1FEFF



9BBDDF



657070



00ADB0



003030

Inverse Universe

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



DF9BDE



FFA1FE



DFBD9B



706570



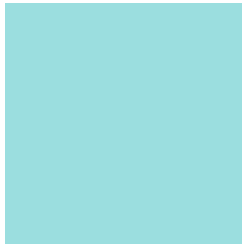
B000AD



300030

Previews

White Background



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

Color Contrast Check

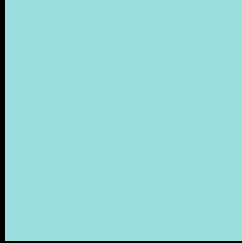
Large Text (above 18pt) WCAG AA × Fail

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 9BDEDF 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 9BDEDF Background



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

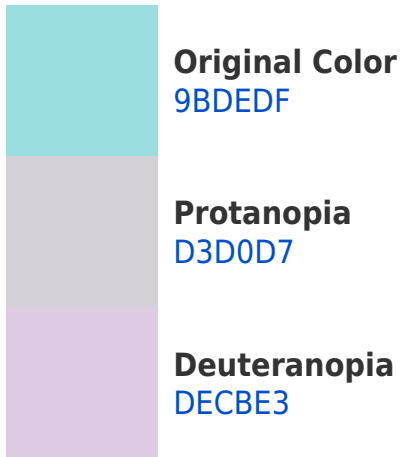


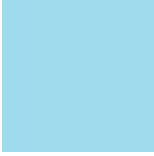
This preview shows how white text looks on a background with the Hex color 9BDEDF.

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



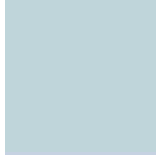


Tritanopia
9EDCED

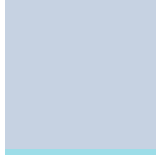
Trichromacy



Original Color
9BDEDF



Protanomaly
BFD5DA



Deuteranomaly
C6D2E2

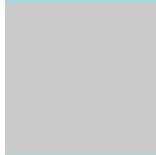


Tritanomaly
9DDDE8

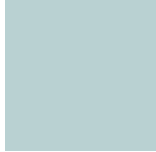
Monochromacy



Original Color
9BDEDF



Achromatopsia
CACACA



Achromatomaly
B9D1D2

CSS Examples

Text

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

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

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 #9BDEDF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor