

Converting Colors

Hex(9BDEC3)

Have a look what the booklet for
Hex(9BDEC3) contains.

Hex(9BDEC3)	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(9BDEC3)

Conversions

Conversions Part 1

Format	Color
Hex	9BDEC3
RGB	155, 222, 195
RGB Percent	61%, 87%, 76%
CMY	0.3922, 0.1294, 0.2353
CMYK	0.30, 0.00, 0.12, 0.13
HSL	156°, 50%, 74%
HSV	156°, 30%, 87%
XYZ	49.4892, 63.1512, 61.2108
YIQ	198.8890, -31.2650, -22.6010

Conversions

Conversions Part 2

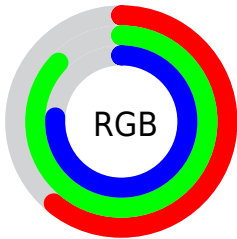
Format	Color
RYB	155, 197, 222
Decimal	10215107
CIELab	83.52, -26.73, 6.53
CIElCh	84, 27.511, 166.279
Yxy	63.1512, 0.2847, 0.3632
Android (android.graphics.Color)	4288405187 (0xFF9BDEC3)
YUV	198.8890, -1.9173, -38.4907
Hunter-Lab	79.4678, -27.9063, 9.9587

Details

The Hex color **9BDEC3** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DE9BB6**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D3FFFC**, and **65A78D** is the 20% darker color. If you saturate the color by 10%, you get **85DEBA**, and if you desaturate by 10%, it is **B1DECC**.

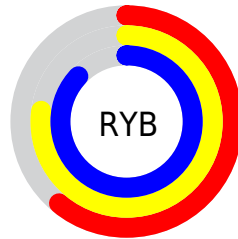
Distribution



Red (61%)

Green (87%)

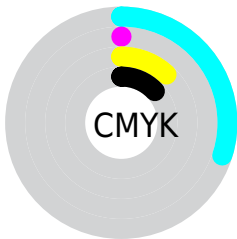
Blue (76%)



Red (61%)

Yellow (77%)

Blue (87%)

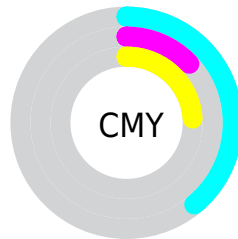


Cyan (30%)

Magenta (0%)

Yellow (12%)

Black (13%)



Cyan (39%)

Magenta (13%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BDEC3 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 9BDEC3 by changing the saturation by 10% instead.

 9BDEC3

 9BDEC3

FFFFFF


 80C2A8

 D3FFFC

 65A78D

 F0FFFF

 4B8C74

 31725B

 155944

 00422E

 002B19

 001500

 000000

 9BDEC3

 9BDEC3

 85DEBA

 B1DECC

 6FDEB1

 C7DED5

 58DEA8

 DEDEDE

 42DE9F

 F4DEE7

 2CDE96

 FFDEF0

 16DE8D

 FFDEF9

 00DE85

 FFDEFF

Harmonies

Analogous

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



B7DAAC



9BDEC3



88DFDE

Triad

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



9BDEC3



C4CEFF



FFC2AC

Complementary

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



9BDEC3



DE9BB6

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.



FFBEC3



9BDEC3



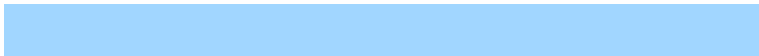
E6C5F4

Square

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



9BDEC3



A1D6FF



FCBFDD



EECA9E

Rectangle

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



9BDEC3



86DDEE



FCBFDD



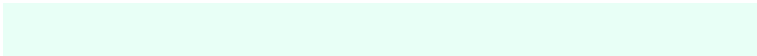
FFC0B3

Sweetspot

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



9BDEC3



E8FFF6



B7DE9B



71807A



000000



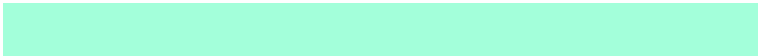
808080

Same Dimension

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



9BDEC3



A3FFDA



9BD8DE



65706C



00B069



00301D

Inverse Universe

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



DE9BB6



FFA3C8



DEA19B



70656A



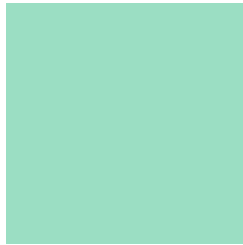
B00047



300014

Previews

White Background



This preview shows how the Hex color 9BDEC3 looks on a white background.

Color Contrast Check

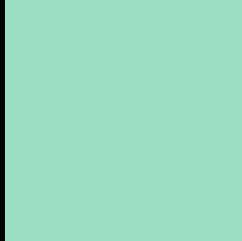
Large Text (above 18pt) WCAG AA × Fail

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 9BDEC3 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

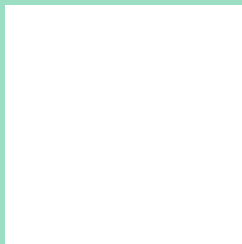
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9BDEC3 Background



This preview shows how black text looks on a background with the Hex color 9BDEC3.

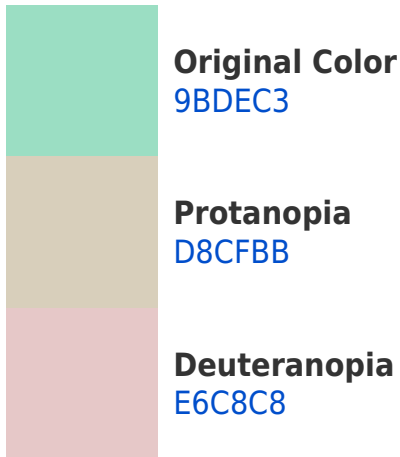


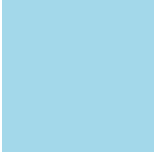
This preview shows how white text looks on a background with the Hex color 9BDEC3.

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
A3D8EA

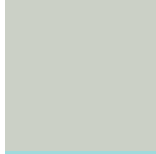
Trichromacy



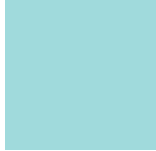
Original Color
9BDEC3



Protanomaly
C2D4BE



Deuteranomaly
CBD0C6

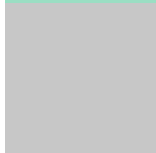


Tritanomaly
A0DADC

Monochromacy



Original Color
9BDEC3



Achromatopsia
C7C7C7



Achromatomaly
B7CFC6

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BDEC3 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 #9BDEC3 looks like.

```
.text, #text, p{  
    color:#9BDEC3  
}
```

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 #9BDEC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BDEC3
}
```

Border

The CSS property to change the border of an element to Hex 9BDEC3 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
#9BDEC3 }
```

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

```
.border{ border-color:#9BDEC3 }
```

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

Here you see how a box with a 4 pixel #9BDEC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BDEC3; -webkit-box-shadow:4px 4px  
4px 4px #9BDEC3; box-shadow:4px 4px 4px  
4px #9BDEC3 }
```

Background

The CSS property to change the background color of an element to Hex 9BDEC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BDEC3 }
```

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

```
.background{ background-color:#9BDEC3 }
```

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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