

Converting Colors

Hex(9BEC D8)

Have a look what the booklet for
Hex(9BEC8D) contains.

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Color

Hex(9BEC D8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9BEC D8 |
| RGB | 155, 236, 216 |
| RGB Percent | 61%, 93%, 85% |
| CMY | 0.3922, 0.0745, 0.1529 |
| CMYK | 0.34, 0.00, 0.08, 0.07 |
| HSL | 165°, 68%, 77% |
| HSV | 165°, 34%, 93% |
| XYZ | 55.9077, 71.9173, 75.9005 |
| YIQ | 209.5010, -41.8560, -23.3920 |

Conversions

Conversions Part 2

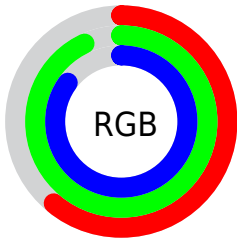
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 155, 201, 236 |
| Decimal | 10218712 |
| CIELab | 87.93, -29.03, 1.85 |
| CIELCh | 88, 29.092, 176.347 |
| Yxy | 71.9173, 0.2744, 0.3530 |
| Android (android.graphics.Color) | 4288408792 (0xFF9BEC D8) |
| YUV | 209.5010, 3.2040, -47.7974 |
| Hunter-Lab | 84.8041, -30.7298, 6.2977 |

Details

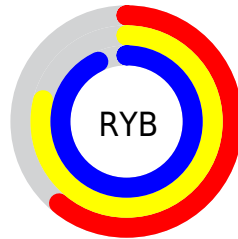
The Hex color **9BECDD** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EC9BAF**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **D4FFFF**, and **64B4A1** is the 20% darker color. If you saturate the color by 10%, you get **83ECD2**, and if you desaturate by 10%, it is **B3ECDE**.

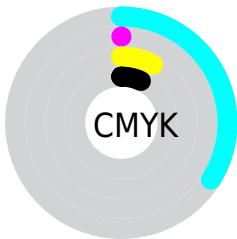
Distribution



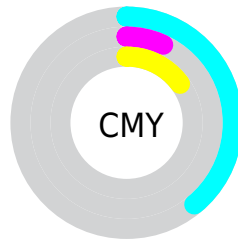
- Red (61%)
- Green (93%)
- Blue (85%)



- Red (61%)
- Yellow (79%)
- Blue (93%)



- Cyan (34%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)



- Cyan (39%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BEC8D 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 9BEC8D by changing the saturation by 10% instead.

 9BEC D8

 9BEC D8

FFFFFF

 7FD0BC

 D4FFFF

 64B4A1

 F1FFFF

 499987

 2C7F6E

 056555

 004D3E

 003529

 002114

 000000

 9BEC D8

 9BEC D8

 83EC D2

 B3EC DE

 6CEC CC

 CAEC E4

 54EC C7

 E2EC E9

 3DEC C1

 F9EC EF

 25EC BB

 FFEC F5

 0DEC B5

 FFEC FB

 00EC B2

 FFEC FF

Harmonies

Analogous

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



B7E9BD



9BECD8



8CECF4

Triad

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



9BEC88



DD77FF



FF8888

Complementary

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



9BECD8



EC9BAF

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.



FFCAC5



9BECD8



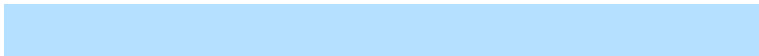
FDCEFC

Square

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



9BECD8



B6E0FF



FFC9E1



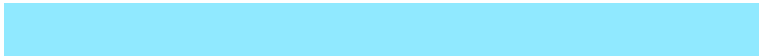
F4DAA6

Rectangle

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



9BECDB



90E9FF



FFC9E1



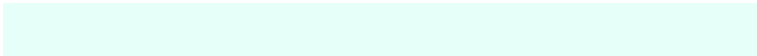
FFCEB6

Sweetspot

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



9BEC88



E6FFF9



AFEC9B



70807C



000000



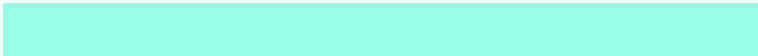
808080

Same Dimension

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



9BECD8



96FFE5



9BD8EC



6A7572



00B588



003628

Inverse Universe

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



EC9BAF



FF96B0



ECAF9B



756A6C



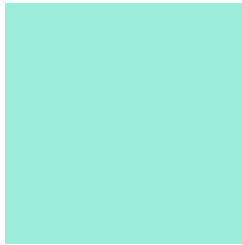
B5002D



36000D

Previews

White Background



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

Color Contrast Check

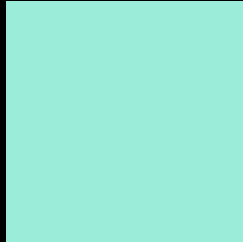
Large Text (above 18pt) WCAG AA × Fail

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 9BEC88 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 9BEC8D Background



This preview shows how black text looks on a background with the Hex color 9BEC8D.



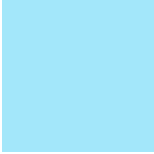
This preview shows how white text looks on a background with the Hex color 9BEC8D.

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



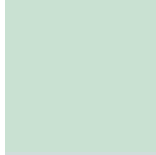


Tritanopia
A3E7FA

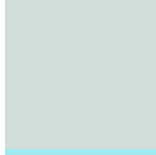
Trichromacy



Original Color
9BEC D8



Protanomaly
C9E1 D2



Deuteranomaly
D1D DDB

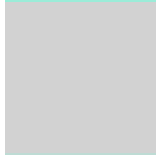


Tritanomaly
A0E9 EE

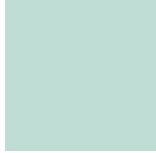
Monochromacy



Original Color
9BEC D8



Achromatopsia
D2D2 D2



Achromatomaly
BEDB D4

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BECD8 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 #9BECD8 looks like.

```
.text, #text, p{  
    color:#9BECD8  
}
```

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 #9BECDB colored shadow looks like.

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

Border

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

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

```
.border{ border-color:#9BECD8 }
```

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

Here you see how a box with a 4 pixel #9BECD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BECD8; -webkit-box-shadow:4px 4px  
4px 4px #9BECD8; box-shadow:4px 4px 4px  
4px #9BECD8 }
```

Background

The CSS property to change the background color of an element to Hex 9BEC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BEC8 }
```

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

```
.background{ background-color:#9BEC8 }
```

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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