

Converting Colors

Hex(9BC7D8)

Have a look what the booklet for
Hex(9BC7D8) contains.

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Color

Hex(9BC7D8)

Conversions

Conversions Part 1

Format	Color
Hex	9BC7D8
RGB	155, 199, 216
RGB Percent	61%, 78%, 85%
CMY	0.3922, 0.2196, 0.1529
CMYK	0.28, 0.08, 0.00, 0.15
HSL	197°, 44%, 73%
HSV	197°, 28%, 85%
XYZ	46.3357, 52.7733, 72.7099
YIQ	187.7820, -31.6810, -4.0410

Conversions

Conversions Part 2

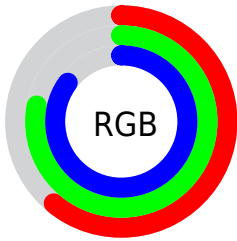
Format	Color
RYB	155, 181, 216
Decimal	10209240
CIELab	77.74, -10.54, -13.19
CIELCh	78, 16.885, 231.374
Yxy	52.7733, 0.2697, 0.3071
Android (android.graphics.Color)	4288399320 (0xFF9BC7D8)
YUV	187.7820, 13.9115, -28.7498
Hunter-Lab	72.6452, -13.2756, -8.4911

Details

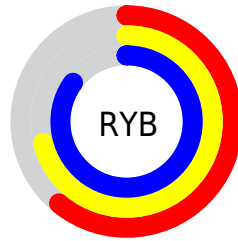
The Hex color **9BC7D8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D8AC9B**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **D3FFFF**, and **6691A1** is the 20% darker color. If you saturate the color by 10%, you get **85C1D8**, and if you desaturate by 10%, it is **B1CDD8**.

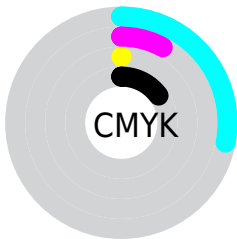
Distribution



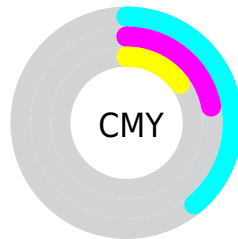
- Red (61%)
- Green (78%)
- Blue (85%)



- Red (61%)
- Yellow (71%)
- Blue (85%)



- Cyan (28%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (39%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BC7D8 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 9BC7D8 by changing the saturation by 10% instead.

 9BC7D8

 9BC7D8

FFFFFF

 80ACBC

 D3FFFF

 6691A1

 EFFFFFF

 4C7787

 335F6E

 184755

 00303E

 001C28

 000114

 000000

■ 9BC7D8

■ 9BC7D8

■ 85C1D8

■ B1CDD8

■ 70BBD8

■ C6D3D8

■ 5AB5D8

■ DCD9D8

■ 45AFD8

■ F1DFD8

■ 2FA9D8

■ FFE5D8

■ 19A3D8

■ FFEBD8

■ 049DD8

■ FFF1D8

■ 009CD8

■ FFF7D8

■ FFFDD8

Harmonies

Analogous

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



97C9CB



9BC7D8



A9C3DF

Triad

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



9BC7D8



DDB6C5



C1C3A3

Complementary

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



9BC7D8



D8AC9B

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.



D1BEA1



9BC7D8



E1B6B5

Square

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



9BC7D8



D0B9D4



DDB9A8



AFC7AC

Rectangle

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



9BC7D8



B7BFD8



DDB9A8



C6C1A1

Sweetspot

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



9BC7D8



EBF9FF



9BD8AB



737C80



000000



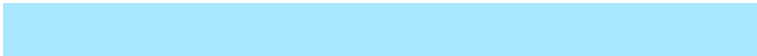
808080

Same Dimension

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



9BC7D8



A8E7FF



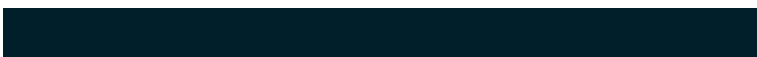
9BA9D8



60686B



007BAB



001F2B

Inverse Universe

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



D89BC7



FFA8E7



D8CA9B



6B6068



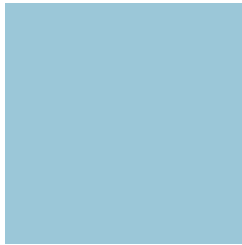
AB007B



2B001F

Previews

White Background



This preview shows how the Hex color 9BC7D8 looks on a white background.

Color Contrast Check

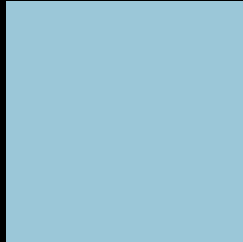
Large Text (above 18pt) WCAG AA × Fail

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 9BC7D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

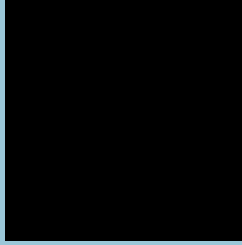
Any Text WCAG AA ✓ Pass

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 9BC7D8 Background



This preview shows how black text looks on a background with the Hex color 9BC7D8.

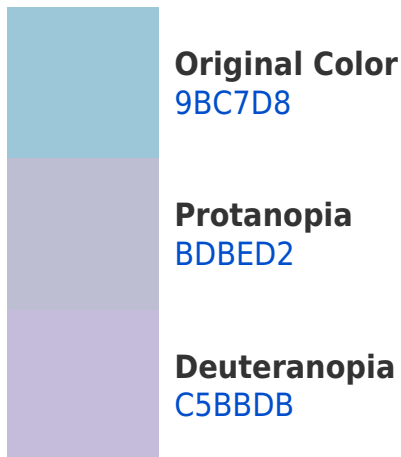


This preview shows how white text looks on a background with the Hex color 9BC7D8.

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](#).

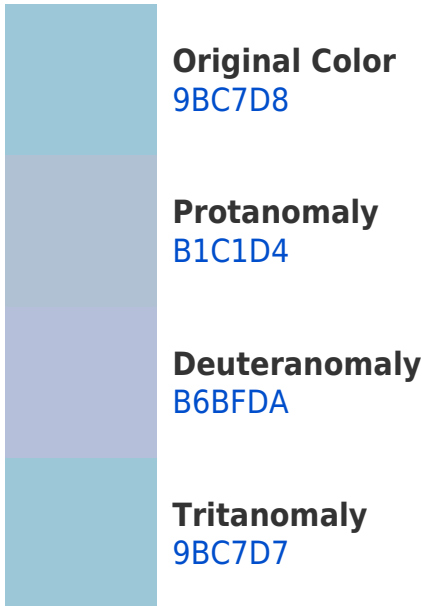
Dichromacy



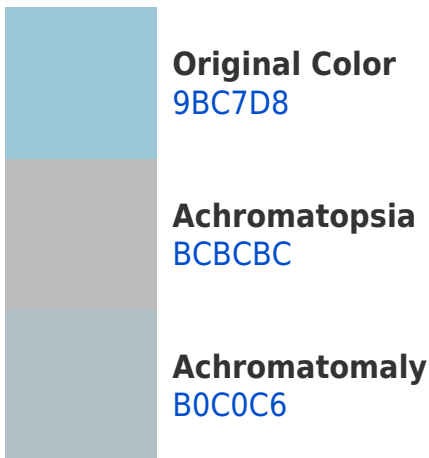


Tritanopia
9BC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BC7D8 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 #9BC7D8 looks like.

```
.text, #text, p{  
    color:#9BC7D8  
}
```

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 #9BC7D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BC7D8
}
```

Border

The CSS property to change the border of an element to Hex 9BC7D8 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
#9BC7D8 }
```

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

```
.border{ border-color:#9BC7D8 }
```

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

Here you see how a box with a 4 pixel #9BC7D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BC7D8; -webkit-box-shadow:4px 4px  
4px 4px #9BC7D8; box-shadow:4px 4px 4px  
4px #9BC7D8 }
```

Background

The CSS property to change the background color of an element to Hex 9BC7D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BC7D8 }
```

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

```
.background{ background-color:#9BC7D8 }
```

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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