

Converting Colors

Hex(9DB7B0)

Have a look what the booklet for
Hex(9DB7B0) contains.

Hex(9DB7B0)	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(9DB7B0)

Conversions

Conversions Part 1

Format	Color
Hex	9DB7B0
RGB	157, 183, 176
RGB Percent	62%, 72%, 69%
CMY	0.3843, 0.2824, 0.3098
CMYK	0.14, 0.00, 0.04, 0.28
HSL	164°, 15%, 67%
HSV	164°, 14%, 72%
XYZ	38.6746, 44.1697, 47.5615
YIQ	174.4280, -13.2490, -7.6890

Conversions

Conversions Part 2

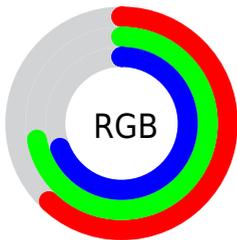
Format	Color
RYB	157, 172, 183
Decimal	10336176
CIELab	72.34, -10.27, 0.56
CIELCh	72, 10.290, 176.861
Yxy	44.1697, 0.2966, 0.3387
Android (android.graphics.Color)	4288526256 (0xFF9DB7B0)
YUV	174.4280, 0.7750, -15.2844
Hunter-Lab	66.4603, -12.4326, 4.0920

Details

The Hex color **9DB7B0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B79DA4**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **D4EFE8**, and **69827C** is the 20% darker color. If you saturate the color by 10%, you get **8BB7AB**, and if you desaturate by 10%, it is **AFB7B5**.

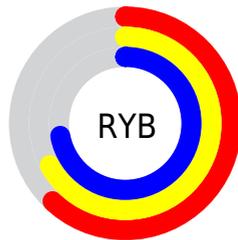
Distribution



Red (62%)

Green (72%)

Blue (69%)



Red (62%)

Yellow (67%)

Blue (72%)

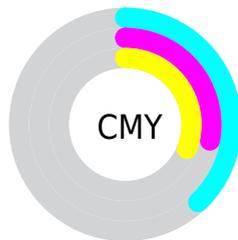


Cyan (14%)

Magenta (0%)

Yellow (4%)

Black (28%)



Cyan (38%)

Magenta (28%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DB7B0 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 9DB7B0 by changing the saturation by 10% instead.

 9DB7B0

 9DB7B0

FFFFFF

 839C95

 D4EFE8

 69827C

 F0FFFF

 516963

 3A514B

 233A34

 0E241F

 000F07

 000000

 9DB7B0

 9DB7B0

 8BB7AB

 AFB7B5

 78B7A6

 C2B7BA

 66B7A1

 D4B7BF

 54B79C

 E6B7C4

 42B797

 F9B7C9

 2FB792

 FFB7CE

 1DB78E

 FFB7D2

 0BB789

 FFB7D7

 00B786

 FFB7DC

Harmonies

Analogous

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



A5B6A7



9DB7B0



9AB7B9

Triad

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



9DB7B0



B2AFC2



C2ADA2

Complementary

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



9DB7B0



B79DA4

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.



C6ABA9



9DB7B0



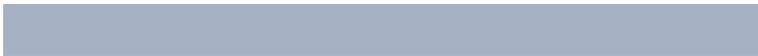
BDADBC

Square

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



9DB7B0



A6B2C4



C4ABB3



BAB09F

Rectangle

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



9DB7B0



9CB6BF



C4ABB3



C4ADA4

Sweetspot

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



9DB7B0



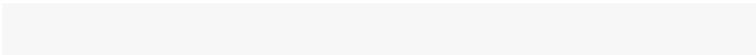
E4EDEB



A4B79D



727876



F7F7F7



787878

Same Dimension

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



9DB7B0



C5EDE2



9DB1B7



535C59



009C72



001C14

Inverse Universe

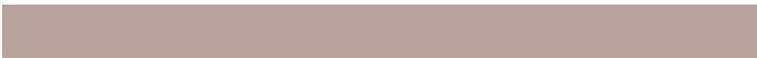
The Inverse Universe completely reimagines the original color for something new.



B79DA4



EDC5D0



B7A39D



5C5355



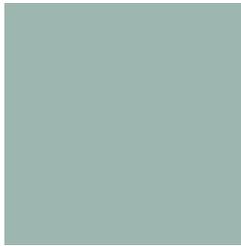
9C002A



1C0008

Previews

White Background



This preview shows how the Hex color 9DB7B0 looks on a white background.

Color Contrast Check

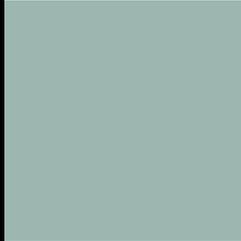
Large Text (above 18pt) WCAG AA × Fail

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 9DB7B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

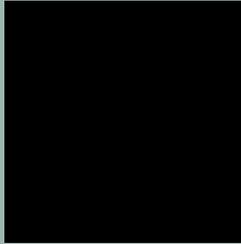
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

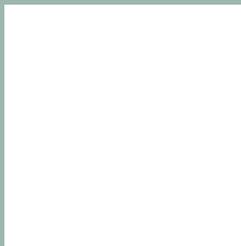
Any Text WCAG AAA ✓ Pass

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

Hex 9DB7B0 Background



This preview shows how black text looks on a background with the Hex color 9DB7B0.



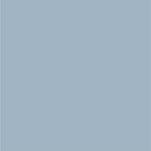
This preview shows how white text looks on a background with the Hex color 9DB7B0.

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](#).

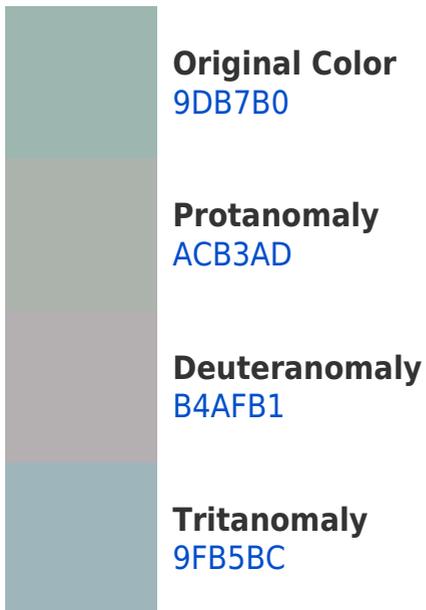
Dichromacy





Tritanopia
A0B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DB7B0 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 #9DB7B0 looks like.

```
.text, #text, p{  
    color:#9DB7B0  
}
```

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 #9DB7B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DB7B0
}
```

Border

The CSS property to change the border of an element to Hex 9DB7B0 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
#9DB7B0 }
```

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

```
.border{ border-color:#9DB7B0 }
```

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

Here you see how a box with a 4 pixel #9DB7B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DB7B0; -webkit-box-shadow:4px 4px  
4px 4px #9DB7B0; box-shadow:4px 4px 4px  
4px #9DB7B0 }
```

Background

The CSS property to change the background color of an element to Hex 9DB7B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DB7B0 }
```

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

```
.background{ background-color:#9DB7B0 }
```

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