

# Converting Colors

Hex(9ABBD1)

Have a look what the booklet for  
Hex(9ABBD1) contains.

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# **Color**

**Hex(9ABB D1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9ABBD1
RGB	154, 187, 209
RGB Percent	60%, 73%, 82%
CMY	0.3961, 0.2667, 0.1804
CMYK	0.26, 0.11, 0.00, 0.18
HSL	204°, 37%, 71%
HSV	204°, 26%, 82%
XYZ	42.6054, 47.0141, 67.1507
YIQ	179.6410, -26.7300, -0.1540

# Conversions

## Conversions Part 2

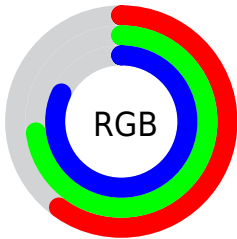
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 175, 209
Decimal	10140625
CIELab	74.20, -6.13, -14.72
CIELCh	74, 15.949, 247.401
Yxy	47.0141, 0.2718, 0.2999
Android (android.graphics.Color)	4288330705 (0xFF9ABBD1)
YUV	179.6410, 14.4740, -22.4872
Hunter-Lab	68.5668, -9.0775, -10.0687

# Details

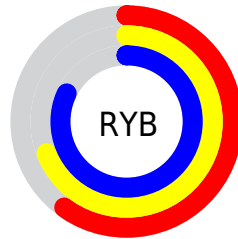
The Hex color **9ABBD1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D1B09A**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **D1F3FF**, and **66869B** is the 20% darker color. If you saturate the color by 10%, you get **85B3D1**, and if you desaturate by 10%, it is **AFC3D1**.

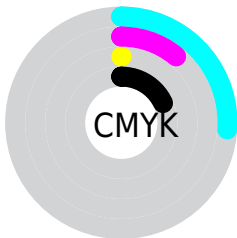
# Distribution



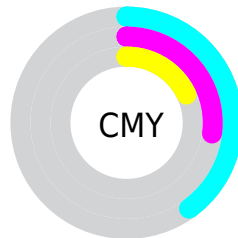
- Red (60%)
- Green (73%)
- Blue (82%)



- Red (60%)
- Yellow (69%)
- Blue (82%)



- Cyan (26%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)



- Cyan (40%)
- Magenta (27%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9ABBD1 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 9ABBD1 by changing the saturation by 10% instead.



■ 9ABBD1

■ 9ABBD1

FFFFFF

■ 7FA0B5

■ D1F3FF

■ 66869B

■ EEEFFF

■ 4C6D81

■ 345467

■ 1B3D4F

■ 002738

■ 001323

■ 00000B

■ 000000

■ 9ABBD1

■ 9ABBD1

■ 85B3D1

■ AFC3D1

■ 70AAD1

■ C4CCD1

■ 5BA2D1

■ D9D4D1

■ 469AD1

■ EEDCD1

■ 3191D1

■ FFE5D1

■ 1D89D1

■ FFEDD1

■ 0880D1

■ FFF6D1

■ 007DD1

■ FFFED1

■ FFFF1

# Harmonies

## Analogous

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



91BEC8



9ABBD1



ABB6D3

# Triad

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



9ABBD1



D5ACB3



AEBB9F

# Complementary

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



9ABBD1



D1B09A

# 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.



BEB799



9ABBD1



D4AEA5

# Square

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



9ABBD1



CDAEC2



CCB29C



9EBEAB

# Rectangle

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



9ABBD1



B8B3D0



CCB29C



B3BA9C

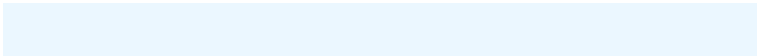


# Sweetspot

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



9ABBD1



EBF7FF



9AD1B0



737A80



000000



808080

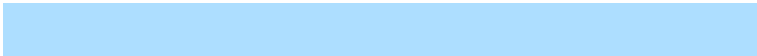


# Same Dimension

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



9ABBD1



ADDEFF



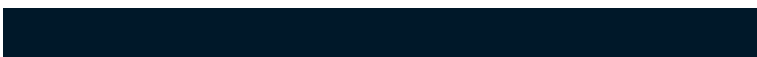
9A9FD1



5E6469



0065A8



001829



# Inverse Universe

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



D19ABB



FFADDE



D1CB9A



695E64



A80065

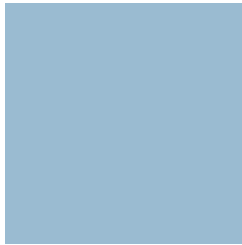


290018



# Previews

## White Background



This preview shows how the Hex color 9ABBD1 looks on a white background.

## Color Contrast Check

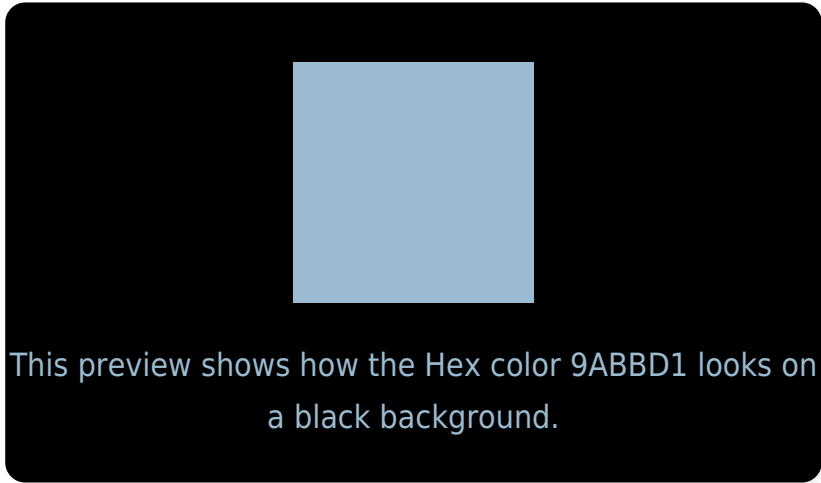
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

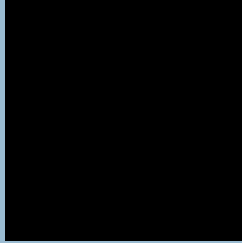
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

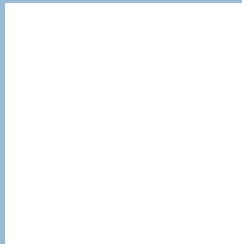
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9ABBD1 Background



This preview shows how black text looks on a background with the Hex color 9ABBD1.

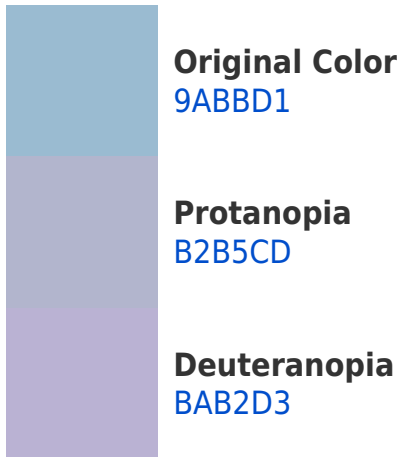


This preview shows how white text looks on a background with the Hex color 9ABBD1.

# 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](#).

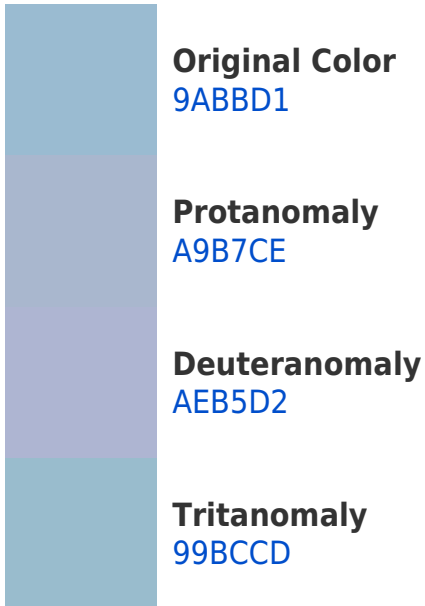
## Dichromacy



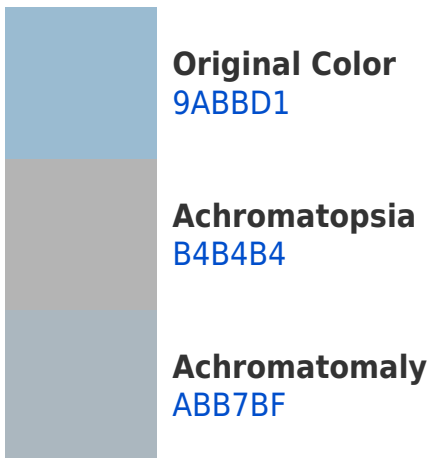


**Tritanopia**  
99BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9ABBD1 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 #9ABBD1 looks like.

```
.text, #text, p{  
    color:#9ABBD1  
}
```

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 #9ABBD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ABBD1
}
```

## Border

The CSS property to change the border of an element to Hex 9ABBD1 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
#9ABBD1 }
```

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

```
.border{ border-color:#9ABBD1 }
```

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

Here you see how a box with a 4 pixel #9ABBD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ABBD1; -webkit-box-shadow:4px 4px  
4px 4px #9ABBD1; box-shadow:4px 4px 4px  
4px #9ABBD1 }
```

# Background

The CSS property to change the background color of an element to Hex 9ABBD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ABBD1 }
```

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

```
.background{ background-color:#9ABBD1 }
```

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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