

# Converting Colors

Hex(9ABED9)

Have a look what the booklet for  
Hex(9ABED9) contains.

<b>Hex(9ABED9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9ABED9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9ABED9
RGB	154, 190, 217
RGB Percent	60%, 75%, 85%
CMY	0.3961, 0.2549, 0.1490
CMYK	0.29, 0.12, 0.00, 0.15
HSL	206°, 45%, 73%
HSV	206°, 29%, 85%
XYZ	44.2643, 48.7067, 72.7140
YIQ	182.3140, -30.1230, 0.7650

# Conversions

## Conversions Part 2

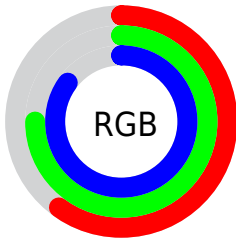
Format	Color
<a href="#">RYB</a>	<a href="#">154, 177, 217</a>
Decimal	<a href="#">10141401</a>
CIELab	<a href="#">75.27, -5.84, -17.46</a>
CIELCh	<a href="#">75, 18.407, 251.514</a>
Yxy	<a href="#">48.7067, 0.2672, 0.2940</a>
Android (android.graphics.Color)	<a href="#">4288331481</a> ( <a href="#">0xFF9ABED9</a> )
YUV	<a href="#">182.3140, 17.1002, -24.8314</a>
Hunter-Lab	<a href="#">69.7902, -8.9196, -12.9208</a>

# Details

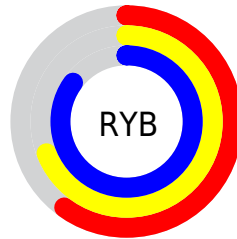
The Hex color **9ABED9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D9B59A**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **D2F6FF**, and **6589A2** is the 20% darker color. If you saturate the color by 10%, you get **84B5D9**, and if you desaturate by 10%, it is **B0C7D9**.

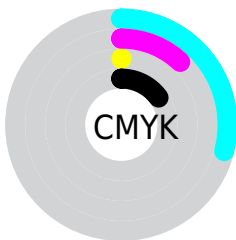
# Distribution



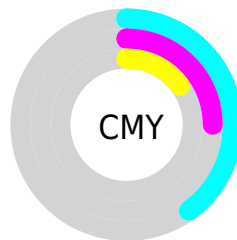
- Red (60%)
- Green (75%)
- Blue (85%)



- Red (60%)
- Yellow (69%)
- Blue (85%)



- Cyan (29%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (40%)
- Magenta (25%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9ABED9 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 9ABED9 by changing the saturation by 10% instead.



 9ABED9

 9ABED9

FFFFFF

 7FA3BD

 D2F6FF

 6589A2

 EEEFFF

 4C6F88

 32576E

 184056

 002A3F

 001629

 000114

 000000

■ 9ABED9

■ 9ABED9

■ 84B5D9

■ B0C7D9

■ 6FABD9

■ C5D1D9

■ 59A2D9

■ DBDAD9

■ 4399D9

■ F1E3D9

■ 2E90D9

■ FFECD9

■ 1886D9

■ FFF6D9

■ 027DD9

■ FFFFD9

■ 007CD9

# Harmonies

## Analogous

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



8EC2CF



9ABED9



AFB9DA

# Triad

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



9ABED9



DDAEB3



ADBFA0

# Complementary

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



9ABED9



D9B59A

# 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.



C0BA98



9ABED9



DBB0A4

# Square

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



9ABED9



D5AFC5



D0B59A



9AC2AE

# Rectangle

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



9ABED9



BEB5D6



D0B59A



B3BE9C

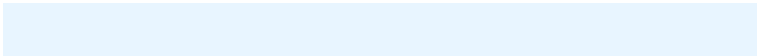


# Sweetspot

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



9ABED9



E8F5FF



9AD9B4



717980



000000



808080

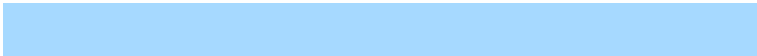


# Same Dimension

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



9ABED9



A6D9FF



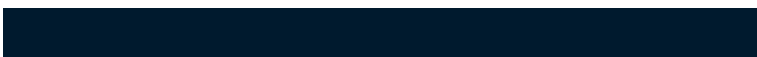
9A9FD9



63696E



0063AD



001A2E



# Inverse Universe

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



D99ABE



FFA6D9



D9D49A



6E6369



AD0063

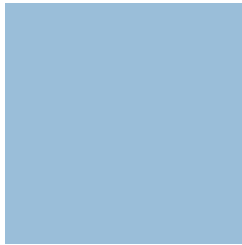


2E001A



# Previews

## White Background



This preview shows how the Hex color 9ABED9 looks on a white background.

## Color Contrast Check

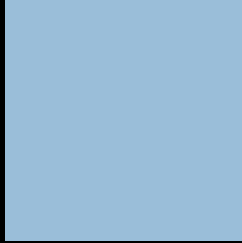
Large Text (above 18pt) WCAG AA × Fail

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 9ABED9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

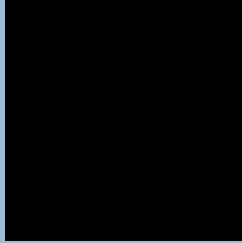
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

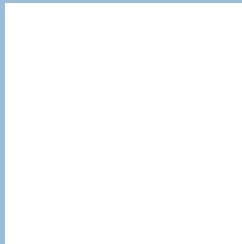
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9ABED9 Background



This preview shows how black text looks on a background with the Hex color 9ABED9.

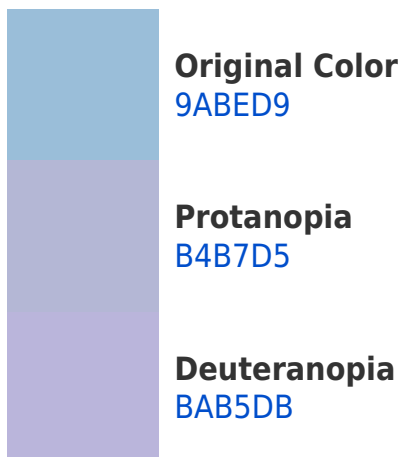


This preview shows how white text looks on a background with the Hex color 9ABED9.

# 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](#).

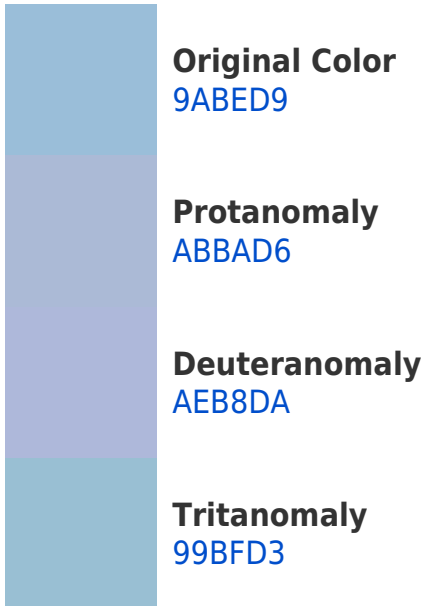
## Dichromacy



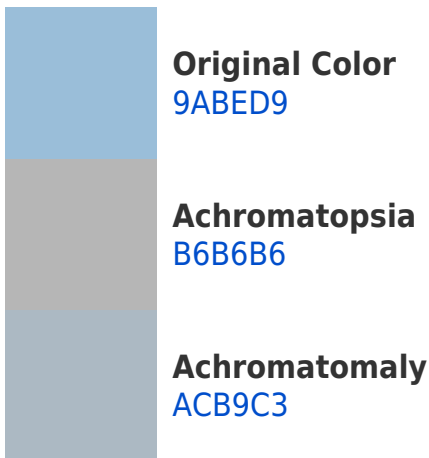


**Tritanopia**  
98C0CF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9ABED9 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 #9ABED9 looks like.

```
.text, #text, p{  
    color:#9ABED9  
}
```

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 #9ABED9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ABED9
}
```

## Border

The CSS property to change the border of an element to Hex 9ABED9 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
#9ABED9 }
```

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

```
.border{ border-color:#9ABED9 }
```

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

Here you see how a box with a 4 pixel #9ABED9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ABED9; -webkit-box-shadow:4px 4px  
4px 4px #9ABED9; box-shadow:4px 4px 4px  
4px #9ABED9 }
```

# Background

The CSS property to change the background color of an element to Hex 9ABED9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ABED9 }
```

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

```
.background{ background-color:#9ABED9 }
```

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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