

# Converting Colors

Hex(9AC1C4)

Have a look what the booklet for  
Hex(9AC1C4) contains.

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# **Color**

**Hex(9AC1C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AC1C4
RGB	154, 193, 196
RGB Percent	60%, 76%, 77%
CMY	0.3961, 0.2431, 0.2314
CMYK	0.21, 0.02, 0.00, 0.23
HSL	184°, 26%, 69%
HSV	184°, 21%, 77%
XYZ	42.3602, 48.9955, 59.4490
YIQ	181.6810, -24.2070, -7.3350

# Conversions

## Conversions Part 2

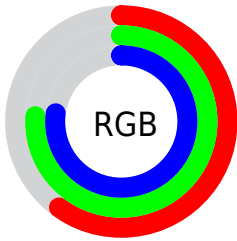
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 174, 196
Decimal	10142148
CIELab	75.45, -12.25, -5.80
CIELCh	75, 13.553, 205.316
Yxy	48.9955, 0.2809, 0.3249
Android (android.graphics.Color)	4288332228 (0xFF9AC1C4)
YUV	181.6810, 7.0593, -24.2762
Hunter-Lab	69.9968, -14.4709, -1.3579

# Details

The Hex color **9AC1C4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C49D9A**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **D1F9FD**, and **668B8E** is the 20% darker color. If you saturate the color by 10%, you get **86C0C4**, and if you desaturate by 10%, it is **AEC2C4**.

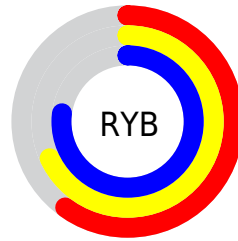
# Distribution



Red (60%)

Green (76%)

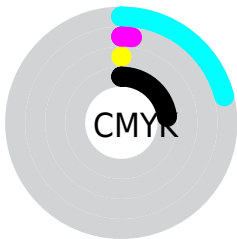
Blue (77%)



Red (60%)

Yellow (68%)

Blue (77%)

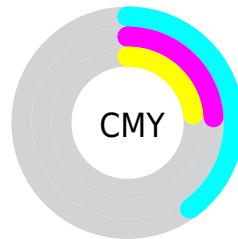


Cyan (21%)

Magenta (2%)

Yellow (0%)

Black (23%)



Cyan (40%)

Magenta (24%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AC1C4 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 9AC1C4 by changing the saturation by 10% instead.





9AC1C4



9AC1C4

FFFFFF



80A6A9



D1F9FD



668B8E



EEFFFF



4D7275



35595C



1D4245



032C2E



00181A



000000



9AC1C4



9AC1C4

 86C0C4

 AEC2C4

 73BEC4

 C1C4C4

 5FBDC4

 D5C5C4

 4CBBC4


 E8C7C4

 38BAC4

 FCC8C4

 24B9C4

 FFC9C4

 11B7C4

 FFCBC4

 00B6C4

 FFCCC4

 FFCEC4

# Harmonies

## Analogous

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



9FC1B7



9AC1C4



9EBFCE

# Triad

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



9AC1C4



C8B4C8



C6B8A1

# Complementary

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



9AC1C4



C49D9A

# 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.



D0B4A6



9AC1C4



D2B2BC

# Square

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



9AC1C4



BAB7D0



D5B2B0



B8BCA3

# Rectangle

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



9AC1C4



A6BDD2



D5B2B0



CAB7A2

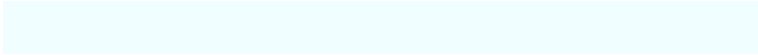


# Sweetspot

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



9AC1C4



F0FEFF



9AC49D



777F80



000000



808080



# Same Dimension

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



9AC1C4



BDFAFF



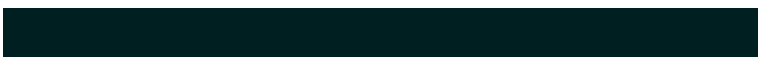
9AACC4



576061



0095A1



001F21



# Inverse Universe

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



C49AC1



FFBDFA



C4B29A



615760



A10095



21001F



# Previews

## White Background



This preview shows how the Hex color 9AC1C4 looks on a white background.

## Color Contrast Check

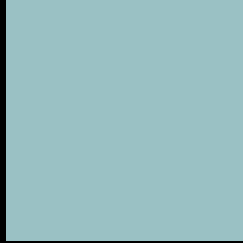
Large Text (above 18pt) WCAG AA × Fail

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 9AC1C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

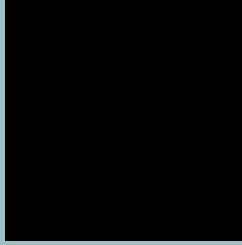
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

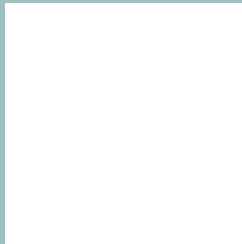
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9AC1C4 Background



This preview shows how black text looks on a background with the Hex color 9AC1C4.



This preview shows how white text looks on a background with the Hex color 9AC1C4.

# 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



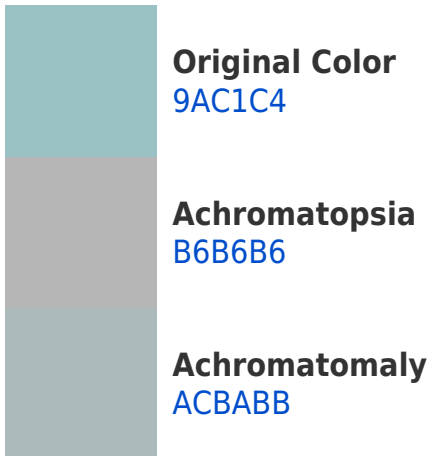


**Tritanopia**  
9CBFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AC1C4 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 #9AC1C4 looks like.

```
.text, #text, p{  
    color:#9AC1C4  
}
```

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 #9AC1C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AC1C4
}
```

## Border

The CSS property to change the border of an element to Hex 9AC1C4 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
#9AC1C4 }
```

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

```
.border{ border-color:#9AC1C4 }
```

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

Here you see how a box with a 4 pixel #9AC1C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AC1C4; -webkit-box-shadow:4px 4px  
4px 4px #9AC1C4; box-shadow:4px 4px 4px  
4px #9AC1C4 }
```

# Background

The CSS property to change the background color of an element to Hex 9AC1C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AC1C4 }
```

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

```
.background{ background-color:#9AC1C4 }
```

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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