

Converting Colors

Hex(9AA6AC)

Have a look what the booklet for
Hex(9AA6AC) contains.

Hex(9AA6AC)	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(9AA6AC)

Conversions

Conversions Part 1

Format	Color
Hex	9AA6AC
RGB	154, 166, 172
RGB Percent	60%, 65%, 67%
CMY	0.3961, 0.3490, 0.3255
CMYK	0.10, 0.03, 0.00, 0.33
HSL	200°, 10%, 64%
HSV	200°, 10%, 67%
XYZ	34.4090, 37.1210, 44.3812
YIQ	163.0960, -9.0780, -0.6780

Conversions

Conversions Part 2

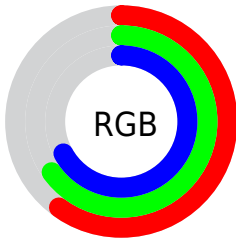
Format	Color
RYB	154, 161, 172
Decimal	10135212
CIELab	67.37, -2.99, -4.55
CIElCh	67, 5.446, 236.701
Yxy	37.1210, 0.2969, 0.3203
Android (android.graphics.Color)	4288325292 (0xFF9AA6AC)
YUV	163.0960, 4.3897, -7.9772
Hunter-Lab	60.9270, -5.8129, -0.5399

Details

The Hex color **9AA6AC** is a light color, and the websafe version is hex **999999**. A complement of this color would be **ACA09A**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D0DDE3**, and **677278** is the 20% darker color. If you saturate the color by 10%, you get **89A0AC**, and if you desaturate by 10%, it is **ABACAC**.

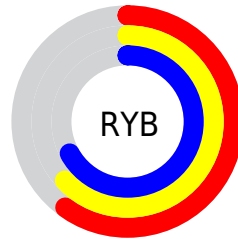
Distribution



Red (60%)

Green (65%)

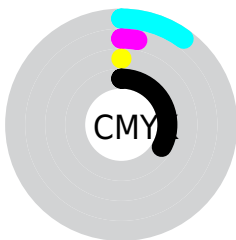
Blue (67%)



Red (60%)

Yellow (63%)

Blue (67%)

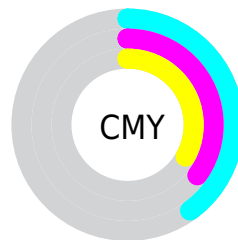


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (33%)



Cyan (40%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AA6AC 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 9AA6AC by changing the saturation by 10% instead.



9AA6AC



9AA6AC

FFFFFF



808C91



D0DDE3



677278



EDFAFF



4F5A5F



384247



222C31



0D181C



000000



9AA6AC



9AA6AC



89A0AC



ABACAC

789BAC

BCB1AC

6695AC

CEB7AC

558FAC

DFBDAC

4489AC

F0C3AC

3384AC

FFC8AC

227EAC

FFCEAC

1078AC

FFD4AC

0073AC

FFDAAC

Harmonies

Analogous

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



98A7A8



9AA6AC



9FA5AE

Triad

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



9AA6AC



AEA1A5



A3A59B

Complementary

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



9AA6AC



ACA09A

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.



A9A39A



9AA6AC



AFA1A0

Square

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



9AA6AC



AAA2A9



ADA29C



9EA69E

Rectangle

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



9AA6AC



A2A3AD



ADA29C



A5A59B

Sweetspot

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



9AA6AC



DADEE0



9AACA0



6C6F70



F0F0F0



707070

Same Dimension

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



9AA6AC



C3D7E0



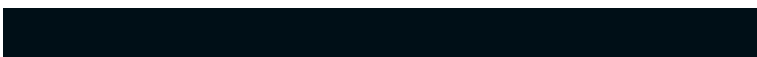
9A9DAC



4E5457



006496



000F17

Inverse Universe

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



AC9AA6



E0C3D7



ACA99A



574E54



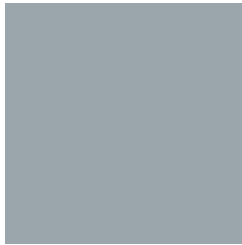
960064



17000F

Previews

White Background



This preview shows how the Hex color 9AA6AC looks on a white background.

Color Contrast Check

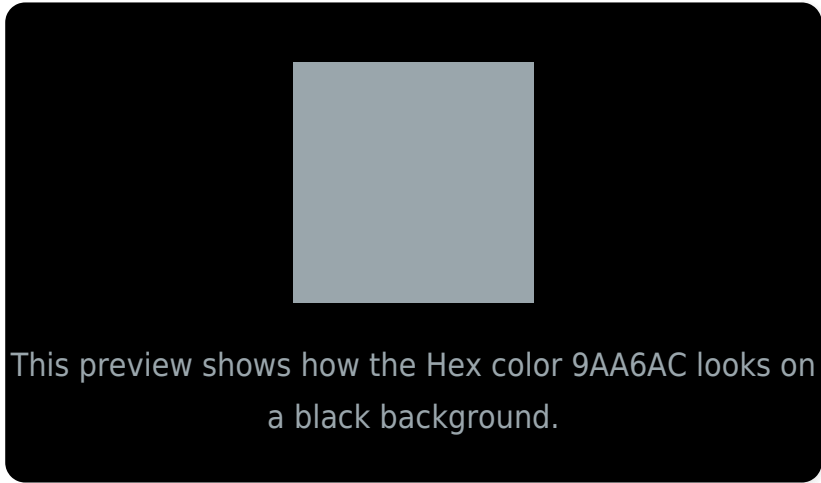
Large Text (above 18pt) WCAG AA × Fail

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

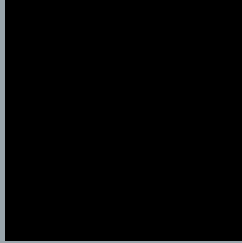
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

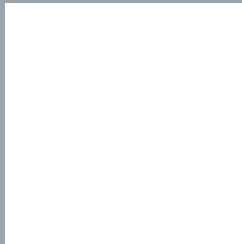
Any Text WCAG AAA ✓ Pass

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

Hex 9AA6AC Background



This preview shows how black text looks on a background with the Hex color 9AA6AC.



This preview shows how white text looks on a background with the Hex color 9AA6AC.

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



Original Color
9AA6AC

Protanopia
A5A3AA

Deuteranopia
AF9FAD



Tritanopia
9BA5B2

Trichromacy



Original Color

9AA6AC

Protanomaly

A1A4AB

Deuteranomaly

A7A2AD

Tritanomaly

9BA5B0

Monochromacy



Original Color

9AA6AC

Achromatopsia

A3A3A3

Achromatomaly

A0A4A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AA6AC 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 #9AA6AC looks like.

```
.text, #text, p{  
    color:#9AA6AC  
}
```

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 #9AA6AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA6AC
}
```

Border

The CSS property to change the border of an element to Hex 9AA6AC 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
#9AA6AC }
```

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

```
.border{ border-color:#9AA6AC }
```

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

Here you see how a box with a 4 pixel #9AA6AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA6AC; -webkit-box-shadow:4px 4px  
4px 4px #9AA6AC; box-shadow:4px 4px 4px  
4px #9AA6AC }
```

Background

The CSS property to change the background color of an element to Hex 9AA6AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA6AC }
```

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

```
.background{ background-color:#9AA6AC }
```

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