

Converting Colors

Hex(96AAB3)

Have a look what the booklet for
Hex(96AAB3) contains.

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Color

Hex(96AAB3)

Conversions

Conversions Part 1

Format	Color
Hex	96AAB3
RGB	150, 170, 179
RGB Percent	59%, 67%, 70%
CMY	0.4118, 0.3333, 0.2980
CMYK	0.16, 0.05, 0.00, 0.30
HSL	199°, 16%, 65%
HSV	199°, 16%, 70%
XYZ	35.0891, 38.4882, 48.2274
YIQ	165.0460, -14.8090, -1.4410

Conversions

Conversions Part 2

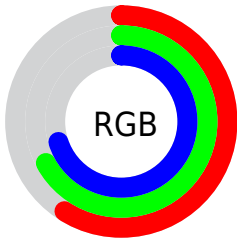
Format	Color
RYB	150, 162, 179
Decimal	9874099
CIELab	68.38, -5.02, -6.97
CIElCh	68, 8.590, 234.275
Yxy	38.4882, 0.2881, 0.3160
Android (android.graphics.Color)	4288064179 (0xFF96AAB3)
YUV	165.0460, 6.8793, -13.1953
Hunter-Lab	62.0388, -7.6085, -2.6634

Details

The Hex color **96AAB3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B39F96**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **CCE1EB**, and **63767E** is the 20% darker color. If you saturate the color by 10%, you get **84A4B3**, and if you desaturate by 10%, it is **A8B0B3**.

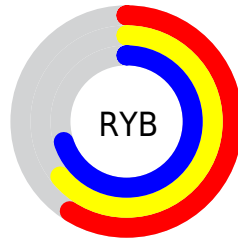
Distribution



Red (59%)

Green (67%)

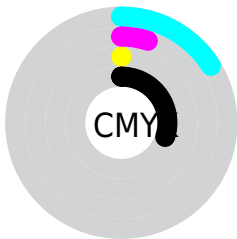
Blue (70%)



Red (59%)

Yellow (64%)

Blue (70%)

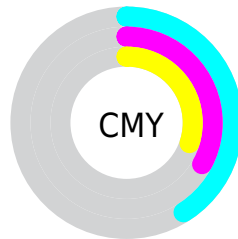


Cyan (16%)

Magenta (5%)

Yellow (0%)

Black (30%)



Cyan (41%)

Magenta (33%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96AAB3 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 96AAB3 by changing the saturation by 10% instead.

■ 96AAB3

■ 96AAB3

FFFFFF

■ 7C9098

■ CCE1EB

■ 63767E

■ E9FEFF

■ 4B5D65

■ 33464D

■ 1D2F37

■ 081B21

■ 00000A

■ 000000

■ 96AAB3

■ 96AAB3

84A4B3

A8B0B3

729FB3

BAB5B3

6099B3

CCBBB3

4E94B3

DEC0B3

3D8EB3

F0C6B3

2B89B3

FFCBB3

1983B3

FFD1B3

077EB3

FFD6B3

007BB3

FFDCB3

Harmonies

Analogous

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



94ABAD



96AAB3



9DA8B6

Triad

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



96AAB3



B6A2A9



A6A899

Complementary

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



96AAB3



B39F96

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.



AFA697



96AAB3



B8A2A1

Square

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



96AAB3



B0A3B0



B5A39A



9DAA9D

Rectangle

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



96AAB3



A3A6B6



B5A39A



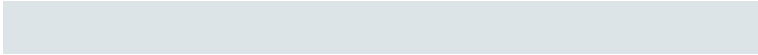
A9A798

Sweetspot

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



96AAB3



DCE4E8



96B39F



6E7375



F5F5F5



757575

Same Dimension

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



96AAB3



BCDAE8



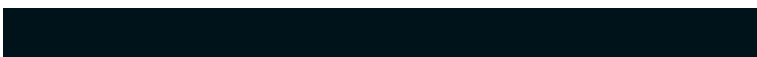
969CB3



505659



006A99



00121A

Inverse Universe

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



B396AA



E8BCDA



B3AD96



595056



99006A



1A0012

Previews

White Background



This preview shows how the Hex color 96AAB3 looks on a white background.

Color Contrast Check

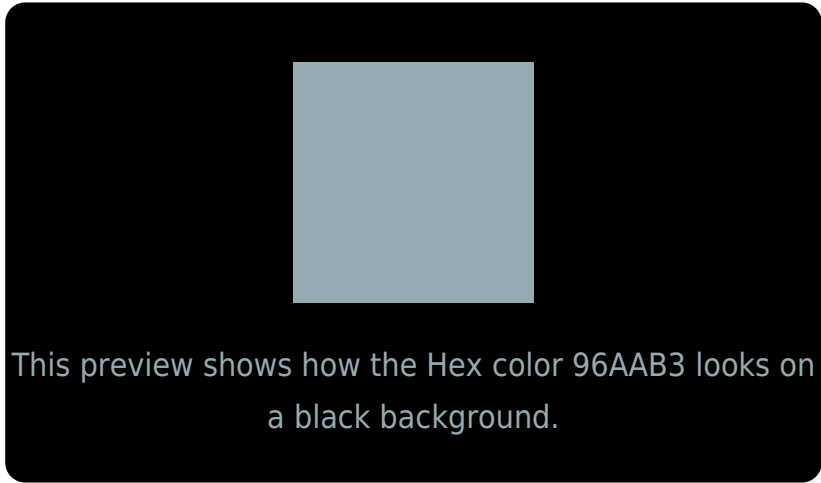
Large Text (above 18pt) WCAG AA × Fail

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

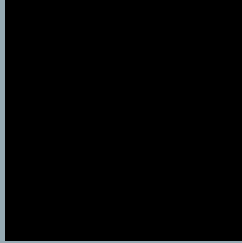
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

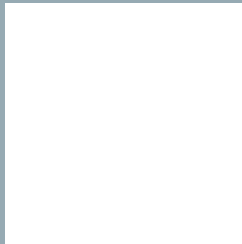
Any Text WCAG AAA ✓ Pass

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

Hex 96AAB3 Background



This preview shows how black text looks on a background with the Hex color 96AAB3.

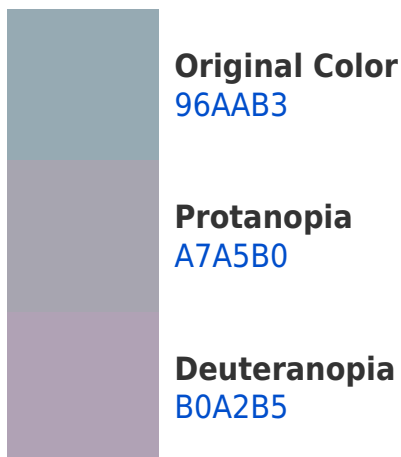


This preview shows how white text looks on a background with the Hex color 96AAB3.

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
97A9B7

Trichromacy



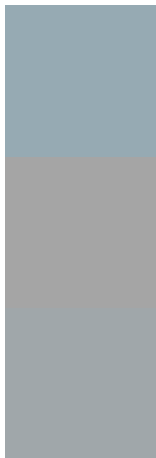
Original Color
96AAB3

Protanomaly
A1A7B1

Deuteranomaly
A7A5B4

Tritanomaly
97A9B6

Monochromacy



Original Color
96AAB3

Achromatopsia
A5A5A5

Achromatomaly
A0A7AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 96AAB3 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 #96AAB3 looks like.

```
.text, #text, p{  
    color:#96AAB3  
}
```

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 #96AAB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96AAB3  
}
```

Border

The CSS property to change the border of an element to Hex 96AAB3 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  
#96AAB3 }
```

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

```
.border{ border-color:#96AAB3 }
```

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

Here you see how a box with a 4 pixel #96AAB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96AAB3; -webkit-box-shadow:4px 4px  
4px 4px #96AAB3; box-shadow:4px 4px 4px  
4px #96AAB3 }
```

Background

The CSS property to change the background color of an element to Hex 96AAB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96AAB3 }
```

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

```
.background{ background-color:#96AAB3 }
```

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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