

Converting Colors

Hex(95BAC6)

Have a look what the booklet for
Hex(95BAC6) contains.

Hex(95BAC6)	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(95BAC6)

Conversions

Conversions Part 1

Format	Color
Hex	95BAC6
RGB	149, 186, 198
RGB Percent	58%, 73%, 78%
CMY	0.4157, 0.2706, 0.2235
CMYK	0.25, 0.06, 0.00, 0.22
HSL	195°, 30%, 68%
HSV	195°, 25%, 78%
XYZ	40.1464, 45.5846, 60.1088
YIQ	176.3050, -25.9040, -4.1120

Conversions

Conversions Part 2

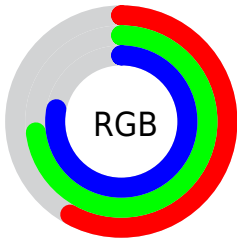
Format	Color
RYB	149, 170, 198
Decimal	9812678
CIELab	73.28, -9.66, -10.14
CIELCh	73, 14.006, 226.415
Yxy	45.5846, 0.2753, 0.3126
Android (android.graphics.Color)	4288002758 (0xFF95BAC6)
YUV	176.3050, 10.6956, -23.9465
Hunter-Lab	67.5164, -12.0145, -5.5236

Details

The Hex color **95BAC6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C6A195**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **CCF2FF**, and **618590** is the 20% darker color. If you saturate the color by 10%, you get **81B5C6**, and if you desaturate by 10%, it is **A9BFC6**.

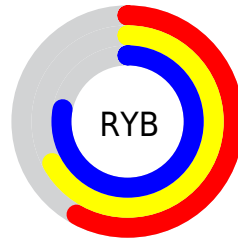
Distribution



Red (58%)

Green (73%)

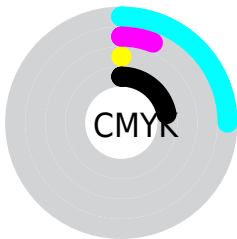
Blue (78%)



Red (58%)

Yellow (67%)

Blue (78%)

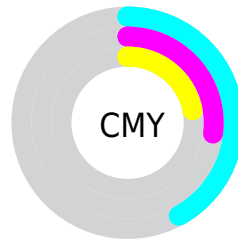


Cyan (25%)

Magenta (6%)

Yellow (0%)

Black (22%)



Cyan (42%)

Magenta (27%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95BAC6 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 95BAC6 by changing the saturation by 10% instead.



95BAC6



95BAC6

FFFFFF



7B9FAB



CCF2FF



618590



E8FFFF



486C77



30535E



173C46



002630



00121B



000000



95BAC6



95BAC6

81B5C6

A9BFC6

6DB0C6

BDC4C6

5AABC6

D0C9C6

46A7C6

E4CDC6

32A2C6

F8D2C6

1E9DC6

FFD7C6

0A98C6

FFDCC6

0096C6

FFE1C6

FFE6C6

Harmonies

Analogous

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



94BCBB



95BAC6



9FB7CC

Triad

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



95BAC6



CBACBA



B7B59B

Complementary

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



95BAC6



C6A195

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.



C4B19B



95BAC6



CFABAD

Square

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



95BAC6



BFAEC6



CDADA2



A8B9A2

Rectangle

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



95BAC6



AAB4CD



CDADA2



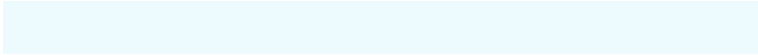
BCB49B

Sweetspot

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



95BAC6



EDFBFF



95C6A0



757D80



000000



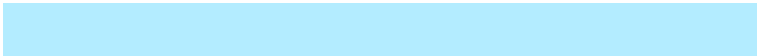
808080

Same Dimension

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



95BAC6



B3ECFF



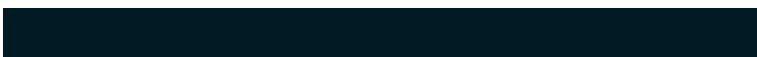
95A2C6



5A6163



007BA3



001B24

Inverse Universe

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



C695BA



FFB3EC



C6B995



635A61



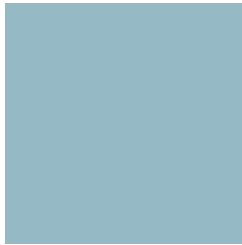
A3007B



24001B

Previews

White Background



This preview shows how the Hex color 95BAC6 looks on a white background.

Color Contrast Check

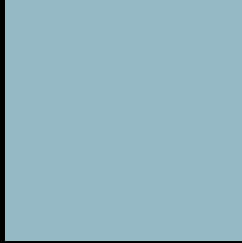
Large Text (above 18pt) WCAG AA × Fail

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 95BAC6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

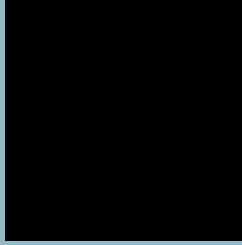
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

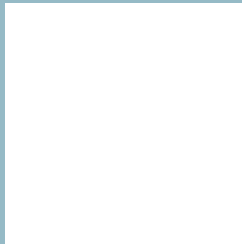
Any Text WCAG AAA ✓ Pass

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

Hex 95BAC6 Background



This preview shows how black text looks on a background with the Hex color 95BAC6.

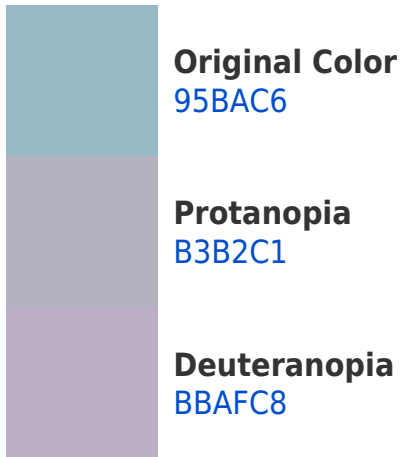


This preview shows how white text looks on a background with the Hex color 95BAC6.

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](#).

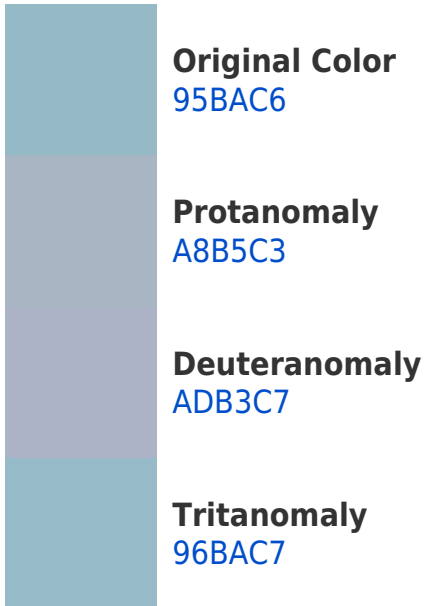
Dichromacy



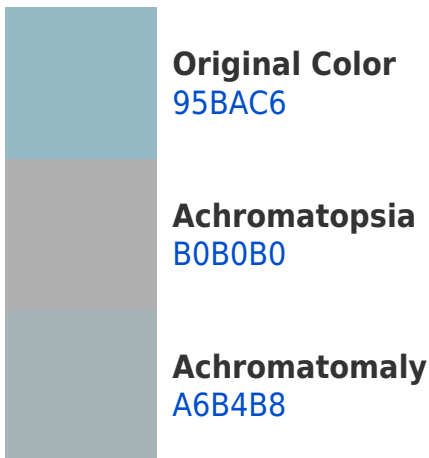


Tritanopia
96BAC8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95BAC6 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 #95BAC6 looks like.

```
.text, #text, p{  
    color:#95BAC6  
}
```

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 #95BAC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95BAC6
}
```

Border

The CSS property to change the border of an element to Hex 95BAC6 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
#95BAC6 }
```

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

```
.border{ border-color:#95BAC6 }
```

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

Here you see how a box with a 4 pixel #95BAC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95BAC6; -webkit-box-shadow:4px 4px  
4px 4px #95BAC6; box-shadow:4px 4px 4px  
4px #95BAC6 }
```

Background

The CSS property to change the background color of an element to Hex 95BAC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95BAC6 }
```

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

```
.background{ background-color:#95BAC6 }
```

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