

# Converting Colors

Hex(93AAA6)

Have a look what the booklet for  
Hex(93AAA6) contains.

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# **Color**

**Hex(93AAA6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93AAA6
RGB	147, 170, 166
RGB Percent	58%, 67%, 65%
CMY	0.4235, 0.3333, 0.3490
CMYK	0.14, 0.00, 0.02, 0.33
HSL	170°, 12%, 62%
HSV	170°, 14%, 67%
XYZ	33.2903, 37.7057, 41.5997
YIQ	162.6670, -12.4240, -6.1200

# Conversions

## Conversions Part 2

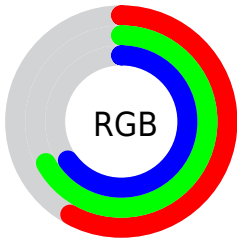
Format	Color
<a href="#">RYB</a>	<a href="#">147, 160, 170</a>
Decimal	<a href="#">9677478</a>
CIELab	<a href="#">67.80, -8.77, -0.64</a>
CIELCh	<a href="#">68, 8.794, 184.148</a>
Yxy	<a href="#">37.7057, 0.2957, 0.3349</a>
Android (android.graphics.Color)	<a href="#">4287867558 (0xFF93AAA6)</a>
YUV	<a href="#">162.6670, 1.6432, -13.7400</a>
Hunter-Lab	<a href="#">61.4049, -10.6861, 2.8165</a>

# Details

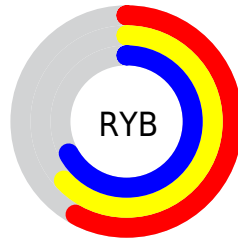
The Hex color **93AAA6** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AA9397**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **C9E1DD**, and **607672** is the 20% darker color. If you saturate the color by 10%, you get **82AAA3**, and if you desaturate by 10%, it is **A4AAA9**.

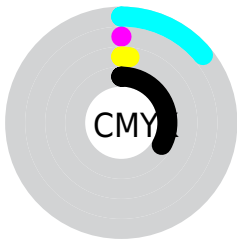
# Distribution



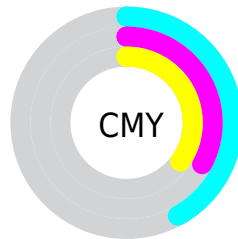
- Red (58%)
- Green (67%)
- Blue (65%)



- Red (58%)
- Yellow (63%)
- Blue (67%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (33%)



- Cyan (42%)
- Magenta (33%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93AAA6 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 93AAA6 by changing the saturation by 10% instead.



■ 93AAA6

■ 93AAA6

FFFFFF

■ 79908C

■ C9E1DD

■ 607672

■ E5FEFA

■ 485D5A

■ 314642

■ 1C2F2C

■ 051B18

■ 000000

■ 93AAA6

■ 93AAA6

■ 82AAA3

■ A4AAA9

 71AAA0

 B5AAAC

 60AA9D

 C6AAAF

 4FAA9A

 D7AAB2

 3EAA97

 E8AAB5

 2DAA94

 F9AAB8

 1CAA91

 FFAABB

 0BAA8E

 FFAABE

 00AA8C

 FFAAC1

# Harmonies

## Analogous

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



99A99E



93AAA6



92AAAE

# Triad

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



93AAA6



A8A3B2



B2A297

# Complementary

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



93AAA6



AA9397

# 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.



B6A19D



93AAA6



B1A1AC

# Square

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



93AAA6



9EA5B5



B6A0A4



ABA595

# Rectangle

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



93AAA6



94A9B2



B6A0A4



B4A299



# Sweetspot

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



93AAA6



D5DEDC



97AA93



6B706F



F0F0F0



707070



# Same Dimension

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



93AAA6



BADED8



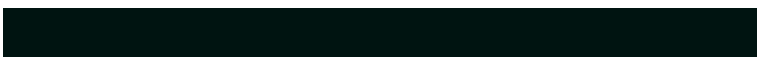
93A3AA



4C5453



00947A



001411



# Inverse Universe

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



AA9397



DEBAC1



AA9A93



544C4D



94001A



140004



# Previews

## White Background



This preview shows how the Hex color 93AAA6 looks on a white background.

## Color Contrast Check

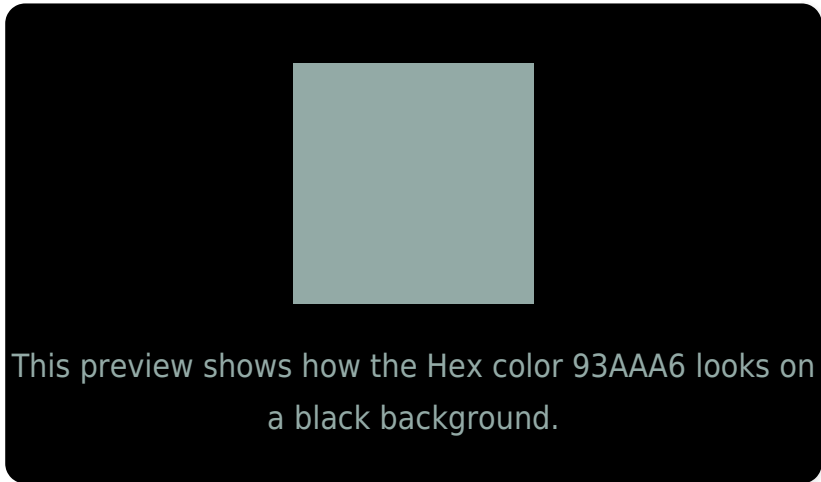
Large Text (above 18pt) WCAG AA × Fail

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

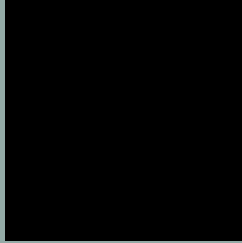
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 93AAA6 Background



This preview shows how black text looks on a background with the Hex color 93AAA6.

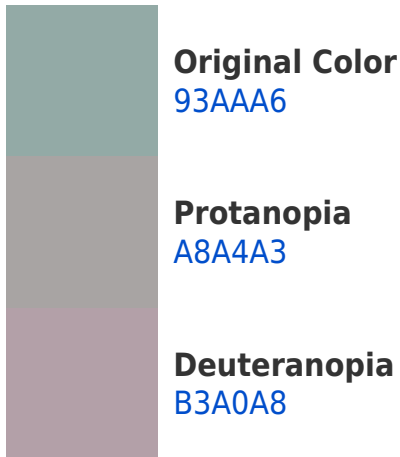


This preview shows how white text looks on a background with the Hex color 93AAA6.

# 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](#).

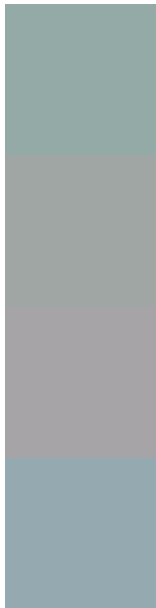
## Dichromacy





**Tritanopia**  
96A8B5

# Trichromacy



**Original Color**

93AAA6

**Protanomaly**

A0A6A4

**Deuteranomaly**

A7A4A7

**Tritanomaly**

95A9B0

# Monochromacy



**Original Color**

93AAA6

**Achromatopsia**

A3A3A3

**Achromatomaly**

9DA6A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93AAA6 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 #93AAA6 looks like.

```
.text, #text, p{  
    color:#93AAA6  
}
```

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 #93AAA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93AAA6
}
```

## Border

The CSS property to change the border of an element to Hex 93AAA6 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
#93AAA6 }
```

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

```
.border{ border-color:#93AAA6 }
```

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

Here you see how a box with a 4 pixel #93AAA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93AAA6; -webkit-box-shadow:4px 4px  
4px 4px #93AAA6; box-shadow:4px 4px 4px  
4px #93AAA6 }
```

# Background

The CSS property to change the background color of an element to Hex 93AAA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93AAA6 }
```

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

```
.background{ background-color:#93AAA6 }
```

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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