

Converting Colors

Hex(93A196)

Have a look what the booklet for
Hex(93A196) contains.

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Color

Hex(93A196)

Conversions

Conversions Part 1

Format	Color
Hex	93A196
RGB	147, 161, 150
RGB Percent	58%, 63%, 59%
CMY	0.4235, 0.3686, 0.4118
CMYK	0.09, 0.00, 0.07, 0.37
HSL	133°, 7%, 60%
HSV	133°, 9%, 63%
XYZ	30.2825, 33.8948, 33.8005
YIQ	155.5600, -4.8130, -6.3890

Conversions

Conversions Part 2

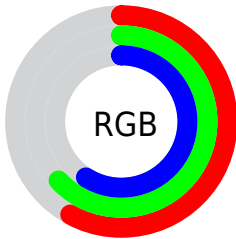
Format	Color
RYB	147, 159, 161
Decimal	9675158
CIELab	64.88, -7.12, 4.03
CIELCh	65, 8.178, 150.508
Yxy	33.8948, 0.3091, 0.3459
Android (android.graphics.Color)	4287865238 (0xFF93A196)
YUV	155.5600, -2.7411, -7.5071
Hunter-Lab	58.2192, -9.0376, 6.3314

Details

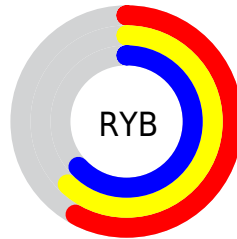
The Hex color **93A196** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A1939E**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **C9D8CC**, and **606D63** is the 20% darker color. If you saturate the color by 10%, you get **83A189**, and if you desaturate by 10%, it is **A3A1A3**.

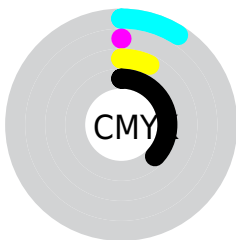
Distribution



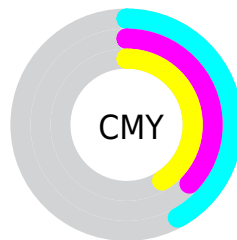
- Red (58%)
- Green (63%)
- Blue (59%)



- Red (58%)
- Yellow (62%)
- Blue (63%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (37%)



- Cyan (42%)
- Magenta (37%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93A196 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 93A196 by changing the saturation by 10% instead.



93A196



93A196

FFFFFF



79877C



C9D8CC



606D63



E5F4E8



49554B



323E35



1D2820



041408



000000



93A196



93A196



83A189



A3A1A3

 73A17D

 B3A1AF

 63A170

 C3A1BC

 53A163

 D3A1C9

 42A157

 E4A1D5

 32A14A

 F4A1E2

 22A13D

 FFA1EF

 12A131

 FFA1FB

 02A124

 FFA1FF

Harmonies

Analogous

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



9B9F91



93A196



8DA29D

Triad

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



93A196



969EAC



AD9996

Complementary

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



93A196



A1939E

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.



AC999E



93A196



9F9CAA

Square

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



93A196



8FA0AA



A799A5



AA9B91

Rectangle

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



93A196



8BA2A2



A799A5



AD9999

Sweetspot

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



93A196



CBD1CC



9EA193



646965



E8E8E8



696969

Same Dimension

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



93A196



BCD1C1



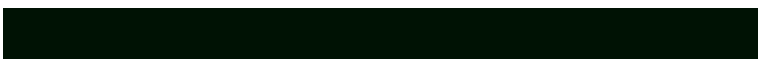
93A19D



49524B



00911F



001204

Inverse Universe

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



A1939E



D1BCCD



A19397



524950



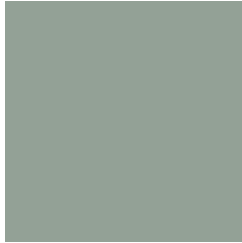
910072



12000E

Previews

White Background



This preview shows how the Hex color 93A196 looks on a white background.

Color Contrast Check

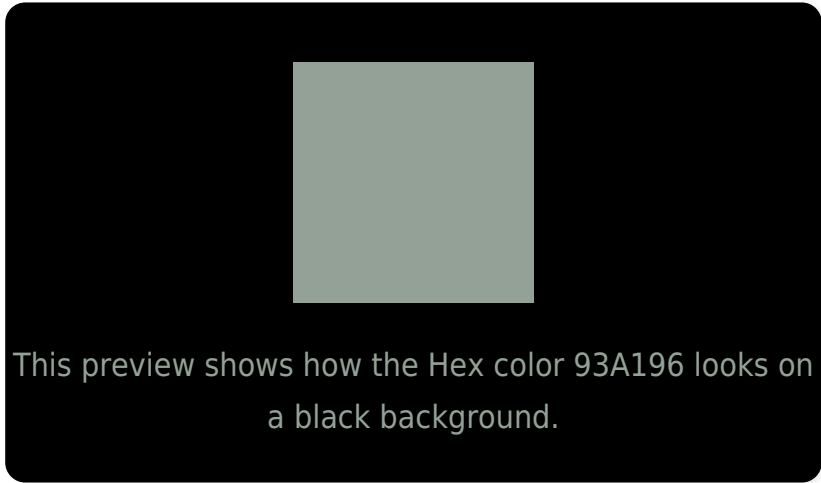
Large Text (above 18pt) WCAG AA × Fail

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

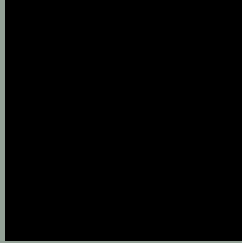
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

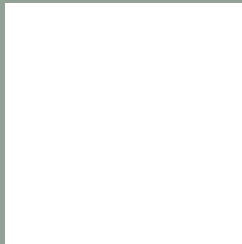
Any Text WCAG AAA ✓ Pass

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

Hex 93A196 Background



This preview shows how black text looks on a background with the Hex color 93A196.

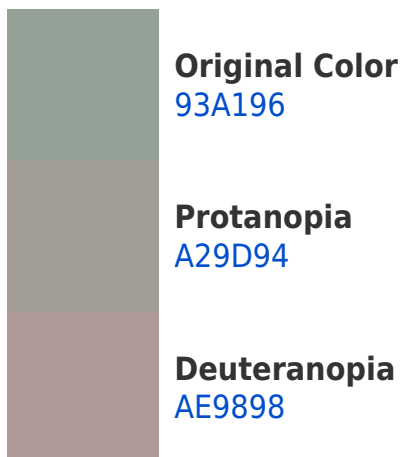


This preview shows how white text looks on a background with the Hex color 93A196.

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



Trichromacy



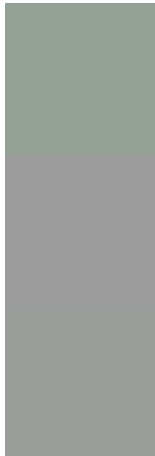
Original Color
93A196

Protanomaly
9D9E95

Deuteranomaly
A49B97

Tritanomaly
959FA3

Monochromacy



Original Color
93A196

Achromatopsia
9C9C9C

Achromatomaly
999E9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 93A196 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 #93A196 looks like.

```
.text, #text, p{  
    color:#93A196  
}
```

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 #93A196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93A196
}
```

Border

The CSS property to change the border of an element to Hex 93A196 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
#93A196 }
```

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

```
.border{ border-color:#93A196 }
```

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

Here you see how a box with a 4 pixel #93A196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93A196; -webkit-box-shadow:4px 4px  
4px 4px #93A196; box-shadow:4px 4px 4px  
4px #93A196 }
```

Background

The CSS property to change the background color of an element to Hex 93A196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93A196 }
```

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

```
.background{ background-color:#93A196 }
```

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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