

Converting Colors

Hex(93A380)

Have a look what the booklet for
Hex(93A380) contains.

Hex(93A380)	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(93A380)

Conversions

Conversions Part 1

Format	Color
Hex	93A380
RGB	147, 163, 128
RGB Percent	58%, 64%, 50%
CMY	0.4235, 0.3608, 0.4980
CMYK	0.10, 0.00, 0.21, 0.36
HSL	87°, 16%, 57%
HSV	87°, 21%, 64%
XYZ	29.0261, 33.9559, 25.4464
YIQ	154.2260, 1.6990, -14.2770

Conversions

Conversions Part 2

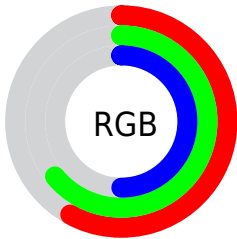
Format	Color
RYB	128, 163, 144
Decimal	9675648
CIELab	64.93, -12.12, 16.34
CIELCh	65, 20.341, 126.565
Yxy	33.9559, 0.3282, 0.3840
Android (android.graphics.Color)	4287865728 (0xFF93A380)
YUV	154.2260, -12.9294, -6.3372
Hunter-Lab	58.2717, -13.0618, 14.8992

Details

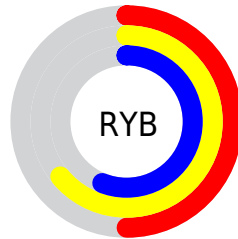
The Hex color **93A380** is a light color, and the websafe version is hex **999966**. A complement of this color would be **9080A3**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **C9DAB5**, and **606F4F** is the 20% darker color. If you saturate the color by 10%, you get **8CA370**, and if you desaturate by 10%, it is **9AA390**.

Distribution



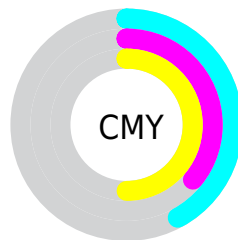
- Red (58%)
- Green (64%)
- Blue (50%)



- Red (50%)
- Yellow (64%)
- Blue (56%)



- Cyan (10%)
- Magenta (0%)
- Yellow (21%)
- Black (36%)



- Cyan (42%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93A380 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 93A380 by changing the saturation by 10% instead.



93A380



93A380

FFFFFF



798967



C9DAB5



606F4F



E5F6D1



485738



FFFFD



314022



1C2A0C



001600



000000



93A380



93A380



8CA370



9AA390

 84A35F

 A2A3A1

 7DA34F

 A9A3B1

 75A33F

 B1A3C1

 6EA32F

 B8A3D2

 66A31E

 C0A3E2

 5FA30E

 C7A3F2

 58A300

 CFA3FF

 D6A3FF

Harmonies

Analogous

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



A79E79



93A380



7FA78F

Triad

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



93A380



77A3BE



C2919A

Complementary

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



93A380



9080A3

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.



B992AC



93A380



8D9EC1

Square

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



93A380



6BA7B3



A698BB



C29389

Rectangle

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



93A380



73A89B



A698BB



C091A0

Sweetspot

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



93A380



CED4C7



A39080



686B64



EBEBEB



6B6B6B

Same Dimension

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



93A380



BAD49D



82A380



4E5249



4F9100



0A1200

Inverse Universe

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



9080A3



B69DD4



A180A3



4D4952



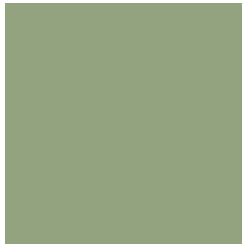
420091



080012

Previews

White Background



This preview shows how the Hex color 93A380 looks on a white background.

Color Contrast Check

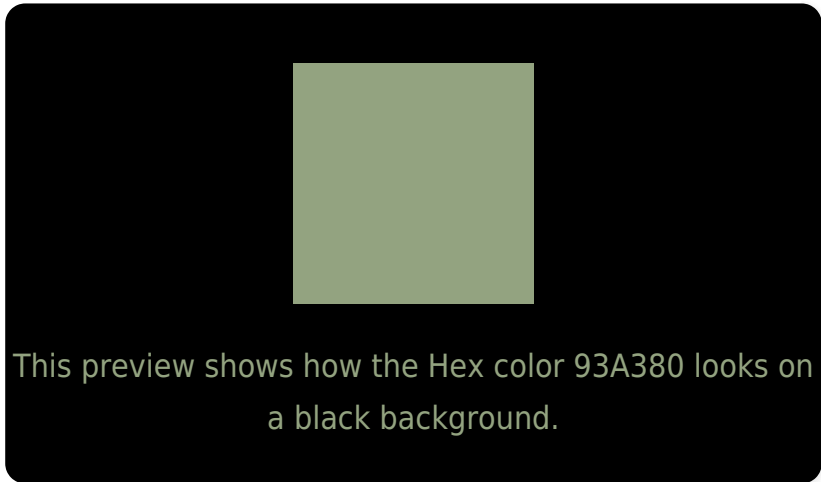
Large Text (above 18pt) WCAG AA × Fail

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

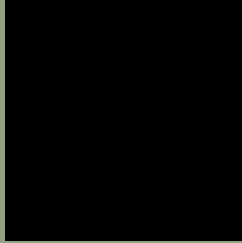
Any Text WCAG AA ✓ Pass

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 93A380 Background



This preview shows how black text looks on a background with the Hex color 93A380.

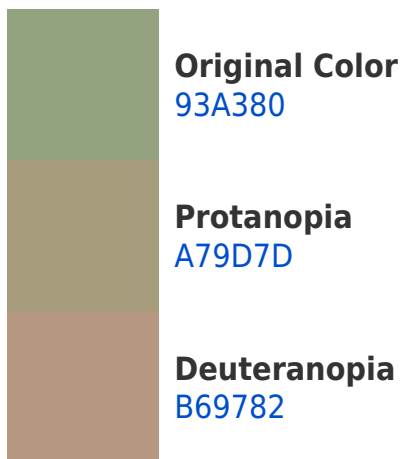


This preview shows how white text looks on a background with the Hex color 93A380.

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
999DAA

Trichromacy



Original Color
93A380

Protanomaly
A09F7E

Deuteranomaly
A99B81

Tritanomaly
979F9B

Monochromacy



Original Color
93A380

Achromatopsia
9A9A9A

Achromatomaly
979D91

CSS Examples

Text

The CSS property to change the color of the text to Hex 93A380 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 #93A380 looks like.

```
.text, #text, p{  
    color:#93A380  
}
```

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 #93A380 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93A380
}
```

Border

The CSS property to change the border of an element to Hex 93A380 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
#93A380 }
```

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

```
.border{ border-color:#93A380 }
```

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

Here you see how a box with a 4 pixel #93A380 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93A380; -webkit-box-shadow:4px 4px  
4px 4px #93A380; box-shadow:4px 4px 4px  
4px #93A380 }
```

Background

The CSS property to change the background color of an element to Hex 93A380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93A380 }
```

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

```
.background{ background-color:#93A380 }
```

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