

# Converting Colors

Hex(93A286)

Have a look what the booklet for  
Hex(93A286) contains.

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# **Color**

**Hex(93A286)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93A286
RGB	147, 162, 134
RGB Percent	58%, 64%, 53%
CMY	0.4235, 0.3647, 0.4745
CMYK	0.09, 0.00, 0.17, 0.36
HSL	92°, 13%, 58%
HSV	92°, 17%, 64%
XYZ	29.2560, 33.7649, 27.5296
YIQ	154.3230, 0.0480, -11.8880

# Conversions

## Conversions Part 2

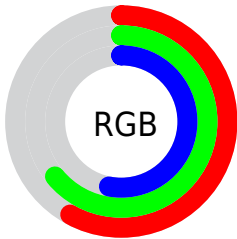
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 162, 149
Decimal	9675398
CIELab	64.78, -10.58, 12.80
CIELCh	65, 16.605, 129.562
Yxy	33.7649, 0.3231, 0.3729
Android (android.graphics.Color)	4287865478 (0xFF93A286)
YUV	154.3230, -10.0192, -6.4223
Hunter-Lab	58.1076, -11.8171, 12.5856

# Details

The Hex color **93A286** is a light color, and the websafe version is hex **999966**. A complement of this color would be **9586A2**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **C9D9BB**, and **606E54** is the 20% darker color. If you saturate the color by 10%, you get **8AA276**, and if you desaturate by 10%, it is **9CA296**.

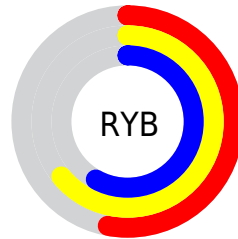
# Distribution



Red (58%)

Green (64%)

Blue (53%)



Red (53%)

Yellow (64%)

Blue (58%)

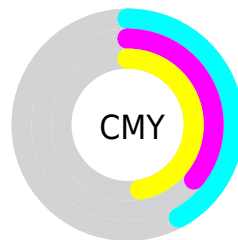


Cyan (9%)

Magenta (0%)

Yellow (17%)

Black (36%)



Cyan (42%)

Magenta (36%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93A286 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 93A286 by changing the saturation by 10% instead.



 93A286

 93A286

FFFFFF

 79886D

 C9D9BB

 606E54

 E5F5D7

 48563D

 FFFFF3

 323F27

 1C2913

 001500

 000000

 93A286

 93A286

 8AA276

 9CA296

 82A266

 A4A2A6

 79A255

 ADA2B7

 70A245

 B6A2C7

 68A235

 BEA2D7

 5FA225

 C7A2E7

 56A215

 D0A2F7

 4EA204

 D8A2FF

 4BA200

 E1A2FF

# Harmonies

## Analogous

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



A49E80



93A286



83A592

# Triad

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



93A286



81A1B8



BC9399

# Complementary

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



93A286



9586A2

# 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.



B594A8



93A286



939DBA

# Square

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



93A286



76A5AF



A698B4



BB958B

# Rectangle

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



93A286



7BA69C



A698B4



BA939E



# Sweetspot

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



93A286



CED4C9



A29586



686B65



EBEBEB



6B6B6B



# Same Dimension

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



93A286



BCD4A7



86A287



4D5249



439100



081200



# Inverse Universe

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



9586A2



BFA7D4



A286A1



4E4952



4E0091

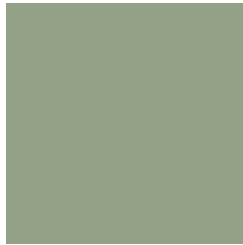


0A0012



# Previews

## White Background



This preview shows how the Hex color 93A286 looks on a white background.

## Color Contrast Check

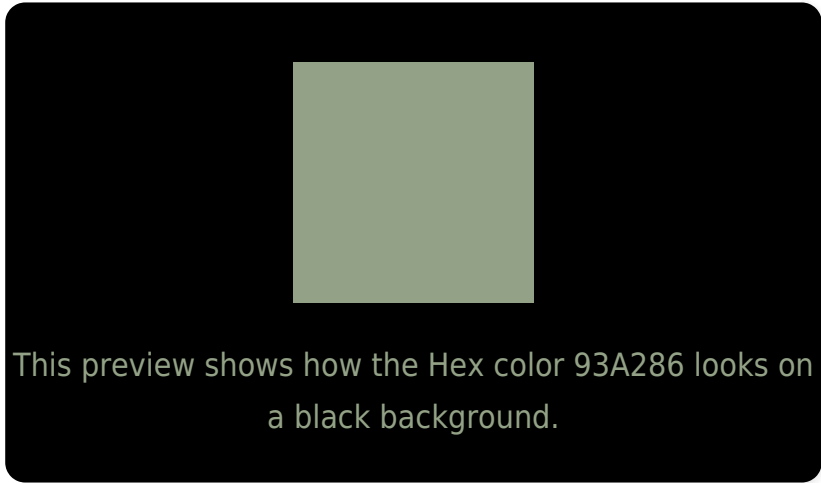
Large Text (above 18pt) WCAG AA × Fail

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

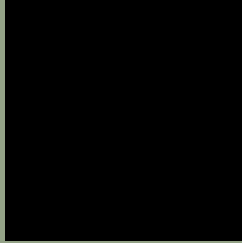
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

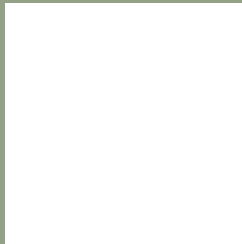
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 93A286 Background



This preview shows how black text looks on a background with the Hex color 93A286.

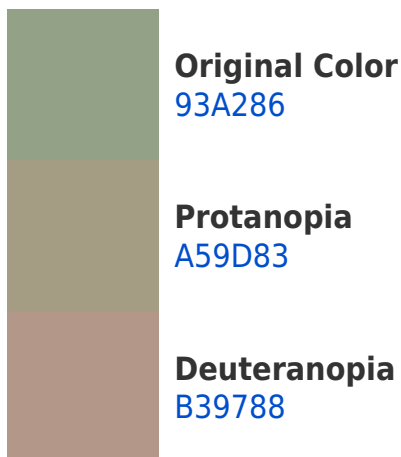


This preview shows how white text looks on a background with the Hex color 93A286.

# 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**  
989DA9

# Trichromacy



**Original Color**  
93A286

**Protanomaly**  
9E9F84

**Deuteranomaly**  
A79B87

**Tritanomaly**  
969F9C

# Monochromacy



**Original Color**  
93A286

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
979D93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93A286 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 #93A286 looks like.

```
.text, #text, p{  
    color:#93A286  
}
```

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 #93A286 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93A286
}
```

## Border

The CSS property to change the border of an element to Hex 93A286 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
#93A286 }
```

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

```
.border{ border-color:#93A286 }
```

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

Here you see how a box with a 4 pixel #93A286 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93A286; -webkit-box-shadow:4px 4px  
4px 4px #93A286; box-shadow:4px 4px 4px  
4px #93A286 }
```

# Background

The CSS property to change the background color of an element to Hex 93A286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93A286 }
```

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

```
.background{ background-color:#93A286 }
```

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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