

# Converting Colors

Hex(93A295)

Have a look what the booklet for  
Hex(93A295) contains.

<b>Hex(93A295)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(93A295)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93A295
RGB	147, 162, 149
RGB Percent	58%, 64%, 58%
CMY	0.4235, 0.3647, 0.4157
CMYK	0.09, 0.00, 0.08, 0.36
HSL	128°, 7%, 61%
HSV	128°, 9%, 64%
XYZ	30.3778, 34.2136, 33.4366
YIQ	156.0330, -4.7670, -7.2230

# Conversions

## Conversions Part 2

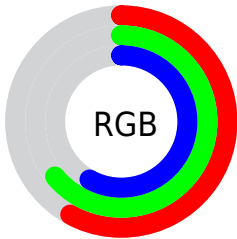
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 160, 162
Decimal	9675413
CIELab	65.13, -7.85, 4.95
CIELCh	65, 9.281, 147.769
Yxy	34.2136, 0.3099, 0.3490
Android (android.graphics.Color)	4287865493 (0xFF93A295)
YUV	156.0330, -3.4673, -7.9219
Hunter-Lab	58.4924, -9.6586, 7.0522

# Details

The Hex color **93A295** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A293A0**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **C9D9CB**, and **606E62** is the 20% darker color. If you saturate the color by 10%, you get **83A287**, and if you desaturate by 10%, it is **A3A2A3**.

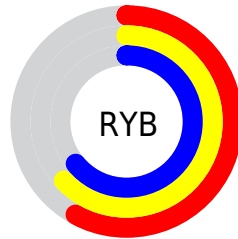
# Distribution



Red (58%)

Green (64%)

Blue (58%)



Red (58%)

Yellow (63%)

Blue (64%)

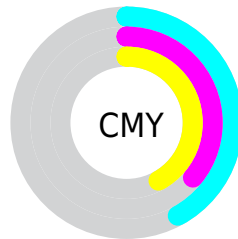


Cyan (9%)

Magenta (0%)

Yellow (8%)

Black (36%)



Cyan (42%)

Magenta (36%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93A295 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 93A295 by changing the saturation by 10% instead.



■ 93A295

FFFFFF

■ C9D9CB

■ E5F5E7

■ 93A295

■ 79887B

■ 606E62

■ 49564B

■ 323F34

■ 1D291F

■ 041506

■ 000000

■ 93A295

■ 83A287

■ 93A295

■ A3A2A3

 73A279

 B3A2B1

 62A26B

 C4A2BF

 52A25D

 D4A2CD

 42A24F


 E4A2DB

 32A241

 F4A2E9

 22A233

 FFA2F7

 11A225

 FFA2FF

 01A217

# Harmonies

## Analogous

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



9CA08F



93A295



8CA39D

# Triad

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



93A295



959FAE



B09997

# Complementary

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



93A295



A293A0

# 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.



AF999F



93A295



9F9CAD

# Square

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



93A295



8DA1AC



A99AA7



AD9B90

# Rectangle

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



93A295



8AA3A3



A99AA7



B09999



# Sweetspot

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



93A295



CDD4CE



A0A293



676B67



EBEBEB



6B6B6B



# Same Dimension

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



93A295



BCD4BF



93A29C



49524B



009113



001202



# Inverse Universe

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



A293A0



D4BCD1



A29399



524951



91007E

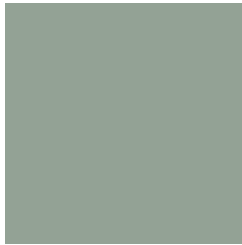


12000F



# Previews

## White Background



This preview shows how the Hex color 93A295 looks on a white background.

## Color Contrast Check

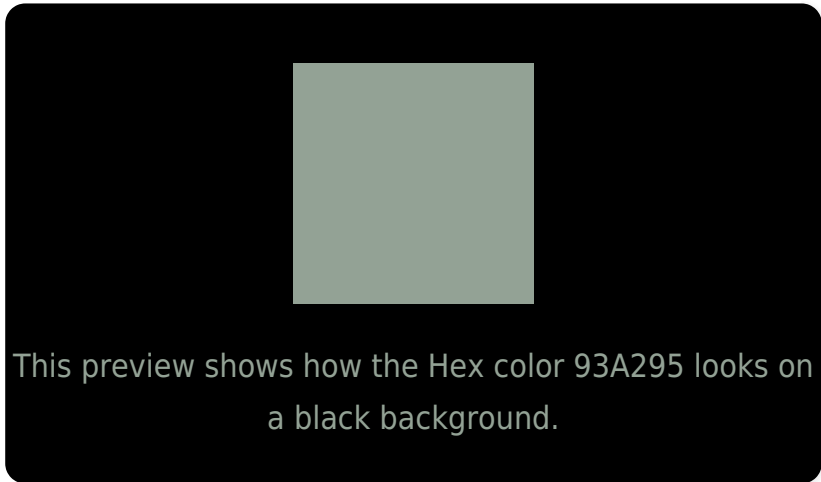
Large Text (above 18pt) WCAG AA × Fail

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

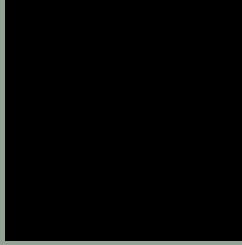
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

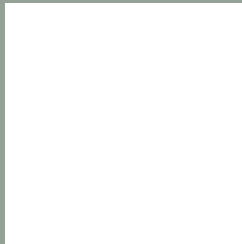
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 93A295 Background



This preview shows how black text looks on a background with the Hex color 93A295.



This preview shows how white text looks on a background with the Hex color 93A295.

# 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



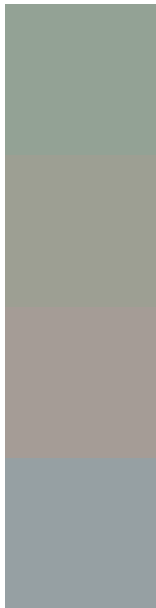
**Original Color**  
93A295

**Protanopia**  
A39D92

**Deuteranopia**  
B09997



# Trichromacy



**Original Color**  
93A295

**Protanomaly**  
9D9F93

**Deuteranomaly**  
A59C96

**Tritanomaly**  
96A0A3

# Monochromacy



**Original Color**  
93A295

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
999E99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93A295 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 #93A295 looks like.

```
.text, #text, p{  
    color:#93A295  
}
```

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 #93A295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93A295
}
```

## Border

The CSS property to change the border of an element to Hex 93A295 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
#93A295 }
```

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

```
.border{ border-color:#93A295 }
```

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

Here you see how a box with a 4 pixel #93A295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93A295; -webkit-box-shadow:4px 4px  
4px 4px #93A295; box-shadow:4px 4px 4px  
4px #93A295 }
```

# Background

The CSS property to change the background color of an element to Hex 93A295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93A295 }
```

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

```
.background{ background-color:#93A295 }
```

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