

# Converting Colors

Hex(95A293)

Have a look what the booklet for  
Hex(95A293) contains.

<b>Hex(95A293)</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(95A293)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95A293
RGB	149, 162, 147
RGB Percent	58%, 64%, 58%
CMY	0.4157, 0.3647, 0.4235
CMYK	0.08, 0.00, 0.09, 0.36
HSL	112°, 7%, 61%
HSV	112°, 9%, 64%
XYZ	30.5812, 34.3368, 32.6196
YIQ	156.4030, -2.9330, -7.4210

# Conversions

## Conversions Part 2

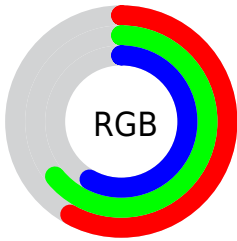
Format	Color
<a href="#">RYB</a>	<a href="#">147, 162, 160</a>
Decimal	<a href="#">9806483</a>
CIELab	<a href="#">65.23, -7.51, 6.23</a>
CIELCh	<a href="#">65, 9.753, 140.337</a>
Yxy	<a href="#">34.3368, 0.3135, 0.3520</a>
Android (android.graphics.Color)	<a href="#">4287996563</a> (0xFF95A293)
YUV	<a href="#">156.4030, -4.6357, -6.4924</a>
Hunter-Lab	<a href="#">58.5976, -9.3894, 8.0133</a>

# Details

The Hex color **95A293** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A093A2**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CBD9C9**, and **626E60** is the 20% darker color. If you saturate the color by 10%, you get **87A283**, and if you desaturate by 10%, it is **A3A2A3**.

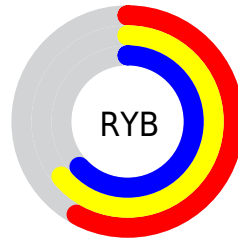
# Distribution



Red (58%)

Green (64%)

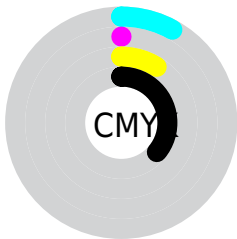
Blue (58%)



Red (58%)

Yellow (64%)

Blue (63%)

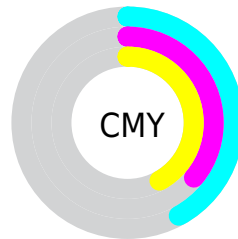


Cyan (8%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (42%)

Magenta (36%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95A293 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 95A293 by changing the saturation by 10% instead.



■ 95A293

FFFFFF

■ CBD9C9

■ E7F5E5

■ 95A293

■ 7B8879

■ 626E60

■ 4A5649

■ 343F32

■ 1E291D

■ 071504

■ 000000

■ 95A293

■ 87A283

■ 95A293

■ A3A2A3

 79A273

 B1A2B3

 6BA262

 BFA2C4

 5DA252

 CDA2D4

 4FA242

 DBA2E4

 41A232

 E9A2F4

 33A222

 F7A2FF

 25A211

 FFA2FF

 17A201

# Harmonies

## Analogous

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



9FA08E



95A293



8DA39B

# Triad

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



95A293



92A0AF



B19999

# Complementary

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



95A293



A093A2

# 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.



AF99A2



95A293



9D9DAF

# Square

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



95A293



8BA2AB



A79AAA



AF9A91

# Rectangle

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



95A293



89A4A1



A79AAA



B1989C



# Sweetspot

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



95A293



CED4CD



A2A093



676B67



EBEBEB



6B6B6B



# Same Dimension

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



95A293



BFD4BC



93A298



4B5249



139100



021200



# Inverse Universe

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



A093A2



D1BCD4



A2939D



514952



7E0091

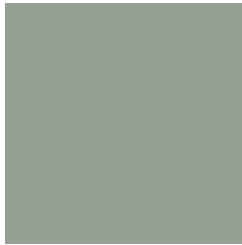


0F0012



# Previews

## White Background



This preview shows how the Hex color 95A293 looks on a white background.

## Color Contrast Check

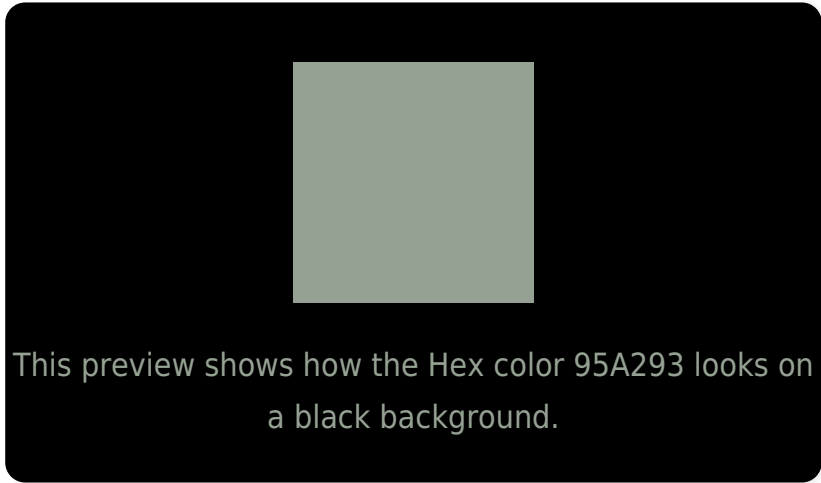
Large Text (above 18pt) WCAG AA × Fail

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

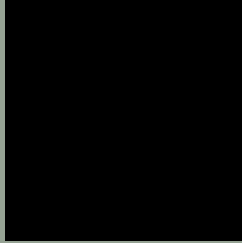
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

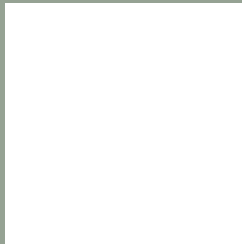
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 95A293 Background



This preview shows how black text looks on a background with the Hex color 95A293.

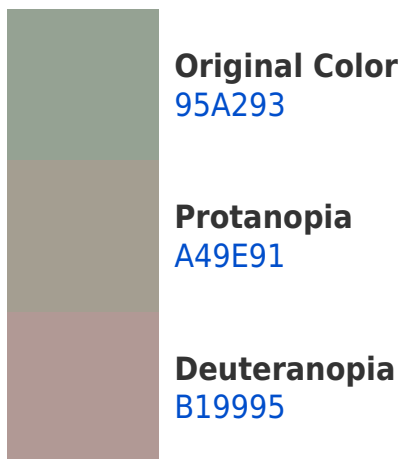


This preview shows how white text looks on a background with the Hex color 95A293.

# 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](#).

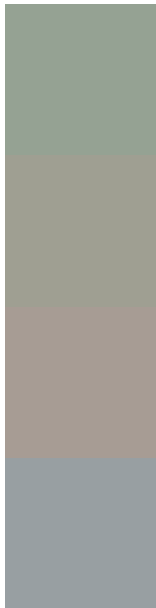
## Dichromacy





**Tritanopia**  
999EAB

# Trichromacy



**Original Color**  
95A293

**Protanomaly**  
9F9F92

**Deuteranomaly**  
A79C94

**Tritanomaly**  
989FA2

# Monochromacy



**Original Color**  
95A293

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
999E99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95A293 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 #95A293 looks like.

```
.text, #text, p{  
    color:#95A293  
}
```

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 #95A293 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95A293
}
```

## Border

The CSS property to change the border of an element to Hex 95A293 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
#95A293 }
```

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

```
.border{ border-color:#95A293 }
```

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

Here you see how a box with a 4 pixel #95A293 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95A293; -webkit-box-shadow:4px 4px  
4px 4px #95A293; box-shadow:4px 4px 4px  
4px #95A293 }
```

# Background

The CSS property to change the background color of an element to Hex 95A293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95A293 }
```

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

```
.background{ background-color:#95A293 }
```

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