

# Converting Colors

Hex(92A293)

Have a look what the booklet for  
Hex(92A293) contains.

<b>Hex(92A293)</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(92A293)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92A293
RGB	146, 162, 147
RGB Percent	57%, 64%, 58%
CMY	0.4275, 0.3647, 0.4235
CMYK	0.10, 0.00, 0.09, 0.36
HSL	124°, 8%, 60%
HSV	124°, 10%, 64%
XYZ	30.0409, 34.0582, 32.5943
YIQ	155.5060, -4.7210, -8.0570

# Conversions

## Conversions Part 2

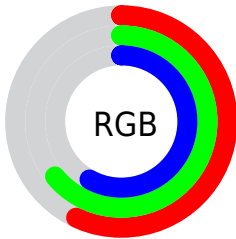
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 161, 162
Decimal	9609875
CIELab	65.01, -8.59, 5.88
CIELCh	65, 10.409, 145.603
Yxy	34.0582, 0.3107, 0.3522
Android (android.graphics.Color)	4287799955 (0xFF92A293)
YUV	155.5060, -4.1935, -8.3368
Hunter-Lab	58.3594, -10.2451, 7.7375

# Details

The Hex color **92A293** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A292A1**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **C8D9C9**, and **5F6E60** is the 20% darker color. If you saturate the color by 10%, you get **82A284**, and if you desaturate by 10%, it is **A2A2A2**.

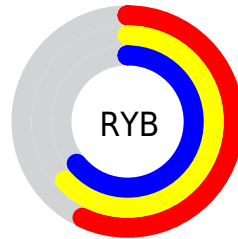
# Distribution



Red (57%)

Green (64%)

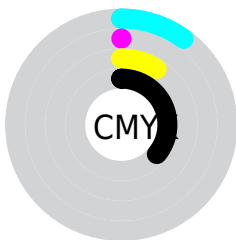
Blue (58%)



Red (57%)

Yellow (63%)

Blue (64%)

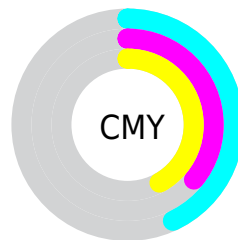


Cyan (10%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (43%)

Magenta (36%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92A293 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 92A293 by changing the saturation by 10% instead.



■ 92A293

FFFFFF

■ C8D9C9

■ E4F5E5

■ 92A293

■ 788879

■ 5F6E60

■ 485649

■ 313F32

■ 1C291D

■ 031504

■ 000000

■ 92A293

■ 82A284

■ 92A293

■ A2A2A2

 72A275

 B2A2B1

 61A265

 C3A2C1

 51A256

 D3A2D0

 41A247

 E3A2DF

 31A238

 F3A2EE

 21A229

 FFA2FD

 10A219

 FFA2FF

 00A20A

# Harmonies

## Analogous

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



9DA08D



92A293



8AA39C

# Triad

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



92A293



929FB0



B29896

# Complementary

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



92A293



A292A1

# 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.



B0989F



92A293



9E9CAE

# Square

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



92A293



8AA2AD



A999A8



AF9A8F

# Rectangle

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



92A293



87A3A2



A999A8



B29899



# Sweetspot

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



92A293



CDD4CE



A1A292



676B67



EBEBEB



6B6B6B



# Same Dimension

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



92A293



BAD4BC



92A29B



49524A



009109



001201



# Inverse Universe

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



A292A1



D4BAD2



A29299



524951



910088

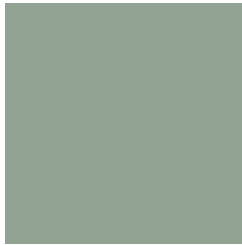


120011



# Previews

## White Background



This preview shows how the Hex color 92A293 looks on a white background.

## Color Contrast Check

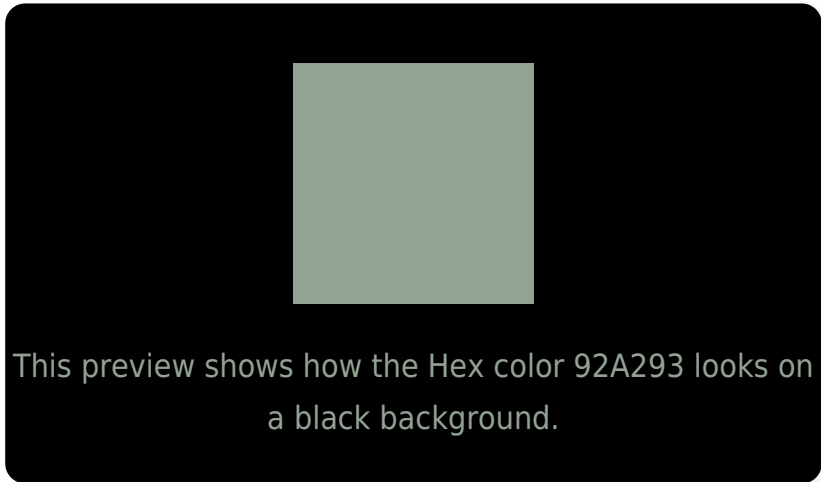
Large Text (above 18pt) WCAG AA × Fail

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

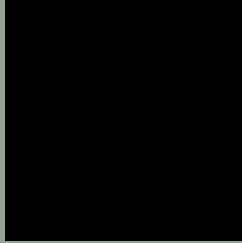
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

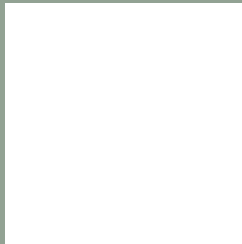
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 92A293 Background



This preview shows how black text looks on a background with the Hex color 92A293.

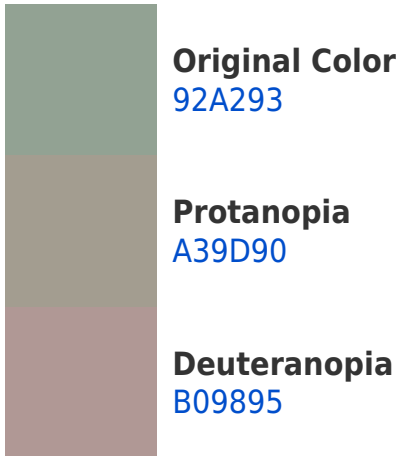


This preview shows how white text looks on a background with the Hex color 92A293.

# 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](#).

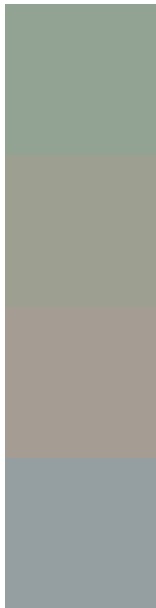
## Dichromacy





**Tritanopia**  
969EAB

# Trichromacy



**Original Color**  
92A293

**Protanomaly**  
9D9F91

**Deuteranomaly**  
A59C94

**Tritanomaly**  
959FA2

# Monochromacy



**Original Color**  
92A293

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
989E99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92A293 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 #92A293 looks like.

```
.text, #text, p{  
    color:#92A293  
}
```

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 #92A293 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92A293
}
```

## Border

The CSS property to change the border of an element to Hex 92A293 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
#92A293 }
```

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

```
.border{ border-color:#92A293 }
```

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

Here you see how a box with a 4 pixel #92A293 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92A293; -webkit-box-shadow:4px 4px  
4px 4px #92A293; box-shadow:4px 4px 4px  
4px #92A293 }
```

# Background

The CSS property to change the background color of an element to Hex 92A293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92A293 }
```

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

```
.background{ background-color:#92A293 }
```

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