

# Converting Colors

Hex(9BA391)

Have a look what the booklet for  
Hex(9BA391) contains.

<b>Hex(9BA391)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9BA391)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BA391
RGB	155, 163, 145
RGB Percent	61%, 64%, 57%
CMY	0.3922, 0.3608, 0.4314
CMYK	0.05, 0.00, 0.11, 0.36
HSL	87°, 9%, 60%
HSV	87°, 11%, 64%
XYZ	31.7256, 35.2073, 31.9116
YIQ	158.5560, 1.0100, -7.2940

# Conversions

## Conversions Part 2

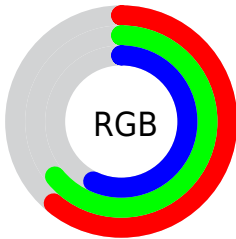
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">145, 163, 153</a>
Decimal	<a href="#">10199953</a>
CIELab	<a href="#">65.91, -6.22, 8.37</a>
CIELCh	<a href="#">66, 10.432, 126.607</a>
Yxy	<a href="#">35.2073, 0.3210, 0.3562</a>
Android (android.graphics.Color)	<a href="#">4288390033 (0xFF9BA391)</a>
YUV	<a href="#">158.5560, -6.6831, -3.1186</a>
Hunter-Lab	<a href="#">59.3357, -8.3972, 9.6480</a>

# Details

The Hex color **9BA391** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9991A3**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D1DAC7**, and **686F5F** is the 20% darker color. If you saturate the color by 10%, you get **94A381**, and if you desaturate by 10%, it is **A2A3A1**.

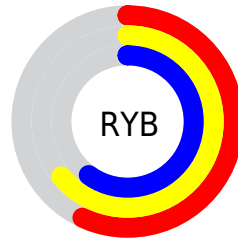
# Distribution



Red (61%)

Green (64%)

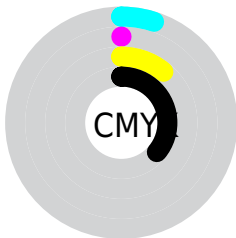
Blue (57%)



Red (57%)

Yellow (64%)

Blue (60%)

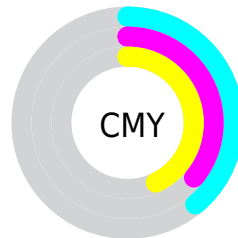


Cyan (5%)

Magenta (0%)

Yellow (11%)

Black (36%)



Cyan (39%)

Magenta (36%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BA391 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 9BA391 by changing the saturation by 10% instead.





9BA391



9BA391

FFFFFF



818977



D1DAC7



686F5F



EEF6E3



505747



394031



232A1C



0E1601



000000



9BA391



9BA391



94A381



A2A3A1

 8DA370

 A9A3B2

 85A360

 B1A3C2

 7EA350

 B8A3D2

 77A340

 BFA3E3

 70A32F

 C6A3F3

 68A31F

 CEA3FF

 61A30F

 D5A3FF

 5BA300

 DCA3FF

# Harmonies

## Analogous

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



A6A08E



9BA391



91A598

# Triad

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



9BA391



8FA3B1



B49A9E

# Complementary

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



9BA391



9991A3

# 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.



AE9BA8



9BA391



99A0B3

# Square

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



9BA391



89A5AB



A59DAF



B49B95

# Rectangle

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



9BA391



8CA69F



A59DAF



B39AA2



# Sweetspot

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



9BA391



D1D4CD



A39991



696B67



EBEBEB



6B6B6B



# Same Dimension

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



9BA391



C7D4B8



92A391



4E5249



519100



0A1200



# Inverse Universe

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



9991A3



C4B8D4



A291A3



4D4952



410091



080012



# Previews

## White Background



This preview shows how the Hex color 9BA391 looks on a white background.

## Color Contrast Check

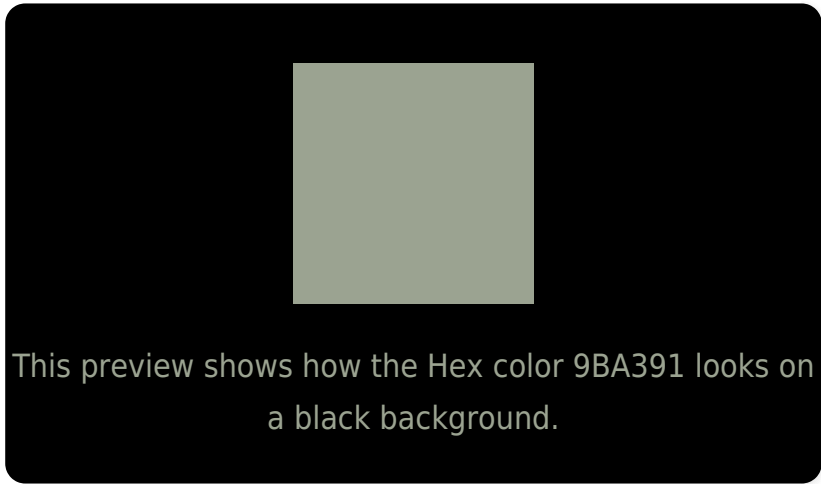
Large Text (above 18pt) WCAG AA × Fail

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

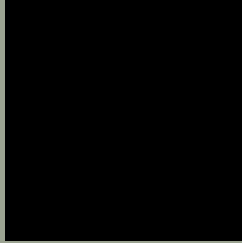
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

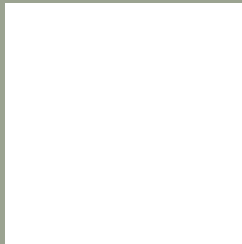
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BA391 Background



This preview shows how black text looks on a background with the Hex color 9BA391.

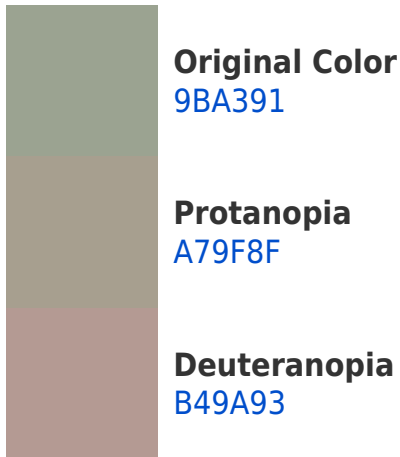


This preview shows how white text looks on a background with the Hex color 9BA391.

# 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





# Trichromacy



**Original Color**  
9BA391

**Protanomaly**  
A3A090

**Deuteranomaly**  
AB9D92

**Tritanomaly**  
9EA0A2

# Monochromacy



**Original Color**  
9BA391

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
9EA09A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BA391 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 #9BA391 looks like.

```
.text, #text, p{  
    color:#9BA391  
}
```

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 #9BA391 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BA391
}
```

## Border

The CSS property to change the border of an element to Hex 9BA391 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
#9BA391 }
```

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

```
.border{ border-color:#9BA391 }
```

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

Here you see how a box with a 4 pixel #9BA391 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BA391; -webkit-box-shadow:4px 4px  
4px 4px #9BA391; box-shadow:4px 4px 4px  
4px #9BA391 }
```

# Background

The CSS property to change the background color of an element to Hex 9BA391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BA391 }
```

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

```
.background{ background-color:#9BA391 }
```

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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