

# Converting Colors

Hex(8FA691)

Have a look what the booklet for  
Hex(8FA691) contains.

<b>Hex(8FA691)</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(8FA691)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FA691
RGB	143, 166, 145
RGB Percent	56%, 65%, 57%
CMY	0.4392, 0.3490, 0.4314
CMYK	0.14, 0.00, 0.13, 0.35
HSL	125°, 11%, 61%
HSV	125°, 14%, 65%
XYZ	30.0747, 35.1564, 31.9888
YIQ	156.7290, -6.9670, -11.4070

# Conversions

## Conversions Part 2

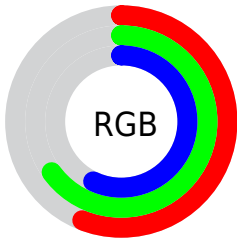
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 164, 166
Decimal	9414289
CIELab	65.87, -12.17, 8.20
CIElCh	66, 14.678, 146.040
Yxy	35.1564, 0.3093, 0.3616
Android (android.graphics.Color)	4287604369 (0xFF8FA691)
YUV	156.7290, -5.7824, -12.0403
Hunter-Lab	59.2928, -13.2230, 9.5177

# Details

The Hex color **8FA691** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A68FA4**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **C5DDC7**, and **5C725F** is the 20% darker color. If you saturate the color by 10%, you get **7EA682**, and if you desaturate by 10%, it is **A0A6A0**.

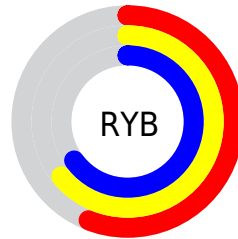
# Distribution



Red (56%)

Green (65%)

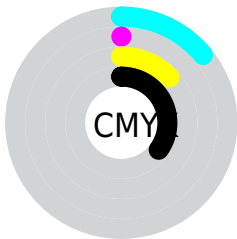
Blue (57%)



Red (56%)

Yellow (64%)

Blue (65%)

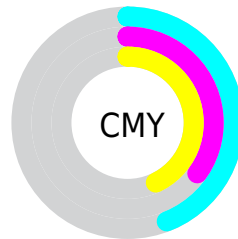


Cyan (14%)

Magenta (0%)

Yellow (13%)

Black (35%)



Cyan (44%)

Magenta (35%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8FA691 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 8FA691 by changing the saturation by 10% instead.





8FA691



8FA691

FFFFFF



758C77



C5DDC7



5C725F



E1FAE3



455A47

FEFFFF



2E4230



192C1C



001801



000000



8FA691



8FA691



7EA682



A0A6A0

 6EA673

 B0A6AF

 5DA664

 C1A6BE

 4DA654

 D1A6CE

 3CA645

 E2A6DD

 2BA636

 F3A6EC

 1BA627

 FFA6FB

 0AA618

 FFA6FF

 00A60E

# Harmonies

## Analogous

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



9EA388



8FA691



83A89E

# Triad

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



8FA691



8FA2BA



BC9895

# Complementary

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



8FA691



A68FA4

# 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.



B997A2



8FA691



A09DB8

# Square

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



8FA691



82A5B5



B099AF



B79A8B

# Rectangle

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



8FA691



7EA8A7



B099AF



BC9799



# Sweetspot

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



8FA691



D0D9D1



A4A68F



686E69



EDEDED



6E6E6E



# Same Dimension

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



8FA691



B4D9B7



8FA69C



4C544C



00940D



001402



# Inverse Universe

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



A68FA4



D9B4D6



A68F99



544C53



940087

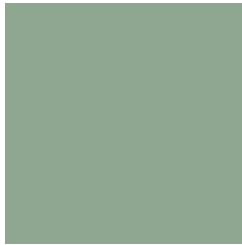


140013



# Previews

## White Background



This preview shows how the Hex color 8FA691 looks on a white background.

## Color Contrast Check

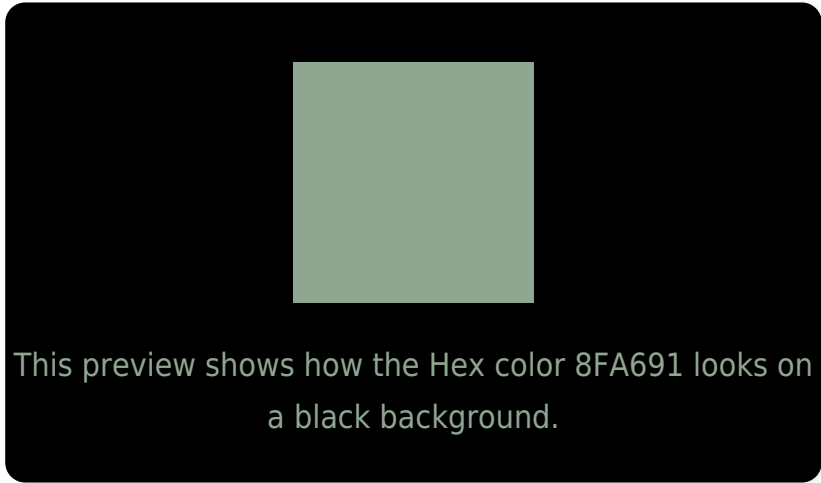
Large Text (above 18pt) WCAG AA × Fail

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

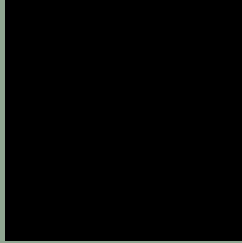
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8FA691 Background



This preview shows how black text looks on a background with the Hex color 8FA691.

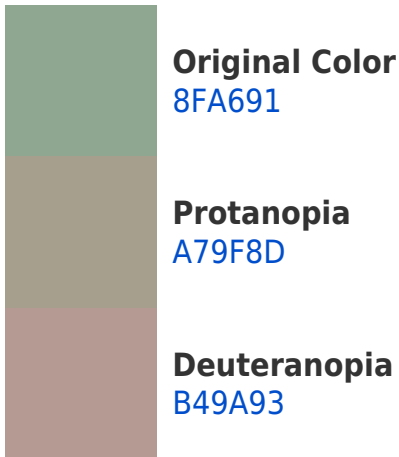


This preview shows how white text looks on a background with the Hex color 8FA691.

# 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**  
94A2AF

# Trichromacy



**Original Color**  
8FA691

**Protanomaly**  
9EA28E

**Deuteranomaly**  
A79E92

**Tritanomaly**  
92A3A4

# Monochromacy



**Original Color**  
8FA691

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
98A099

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8FA691 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 #8FA691 looks like.

```
.text, #text, p{  
    color:#8FA691  
}
```

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 #8FA691 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FA691
}
```

## Border

The CSS property to change the border of an element to Hex 8FA691 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
#8FA691 }
```

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

```
.border{ border-color:#8FA691 }
```

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

Here you see how a box with a 4 pixel #8FA691 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FA691; -webkit-box-shadow:4px 4px  
4px 4px #8FA691; box-shadow:4px 4px 4px  
4px #8FA691 }
```

# Background

The CSS property to change the background color of an element to Hex 8FA691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FA691 }
```

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

```
.background{ background-color:#8FA691 }
```

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