

# Converting Colors

Hex(9EC791)

Have a look what the booklet for  
Hex(9EC791) contains.

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**Color**

**Hex(9EC791)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EC791
RGB	158, 199, 145
RGB Percent	62%, 78%, 57%
CMY	0.3804, 0.2196, 0.4314
CMYK	0.21, 0.00, 0.27, 0.22
HSL	106°, 33%, 67%
HSV	106°, 27%, 78%
XYZ	39.6348, 50.1603, 34.3810
YIQ	180.5850, -7.1020, -25.4860

# Conversions

## Conversions Part 2

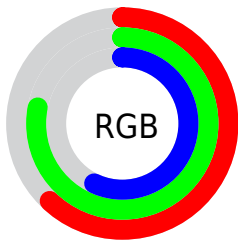
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">145, 199, 186</a>
Decimal	<a href="#">10405777</a>
CIELab	<a href="#">76.17, -23.72, 22.72</a>
CIElCh	<a href="#">76, 32.847, 136.240</a>
Yxy	<a href="#">50.1603, 0.3192, 0.4039</a>
Android (android.graphics.Color)	<a href="#">4288595857 (0xFF9EC791)</a>
YUV	<a href="#">180.5850, -17.5434, -19.8070</a>
Hunter-Lab	<a href="#">70.8239, -24.0489, 20.7948</a>

# Details

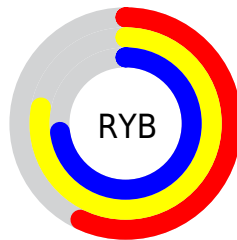
The Hex color **9EC791** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BA91C7**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **D5FFC7**, and **6A915E** is the 20% darker color. If you saturate the color by 10%, you get **8FC77D**, and if you desaturate by 10%, it is **ADC7A5**.

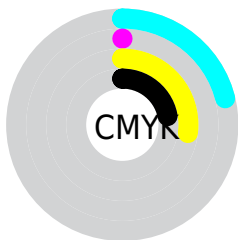
# Distribution



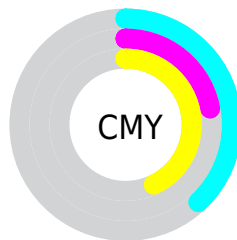
- Red (62%)
- Green (78%)
- Blue (57%)



- Red (57%)
- Yellow (78%)
- Blue (73%)



- Cyan (21%)
- Magenta (0%)
- Yellow (27%)
- Black (22%)



- Cyan (38%)
- Magenta (22%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EC791 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 9EC791 by changing the saturation by 10% instead.



 9EC791

 9EC791


FFFFFF

 83AC77

 D5FFC7

 6A915E

 F2FFE3

 517746

 385E2F

 214619

 092F00

 001D00

 000000

 9EC791

 9EC791

 8FC77D

 ADC7A5

 80C769

 BCC7B9

 71C755

 CBC7CD

 62C741

 DAC7E1

 52C72D

 EAC7F5

 43C71A

 F9C7FF

 34C706

 FFC7FF

 30C700

# Harmonies

## Analogous

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



C0BF81



9EC791



7BCCAC

# Triad

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



9EC791



7FC3F6



F9A6AC

# Complementary

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



9EC791



BA91C7

# 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.



EFA7CB



9EC791



ACB9F6

# Square

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



9EC791



5DCAE7



D4AEE6



F2AB91

# Rectangle

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



9EC791



66CDC1



D4AEE6



F7A5B6



# Sweetspot

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



9EC791



F0FFEB



C7BA91



768073



000000



808080

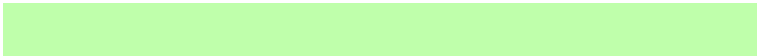


# Same Dimension

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



9EC791



BFFFAB



91C79F



5C635A



27A300



092400



# Inverse Universe

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



BA91C7



EBABFF



C791BA



615A63



7C00A3

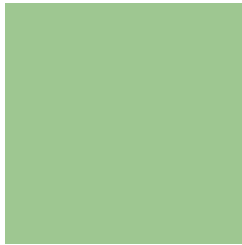


1B0024



# Previews

## White Background



This preview shows how the Hex color 9EC791 looks on a white background.

## Color Contrast Check

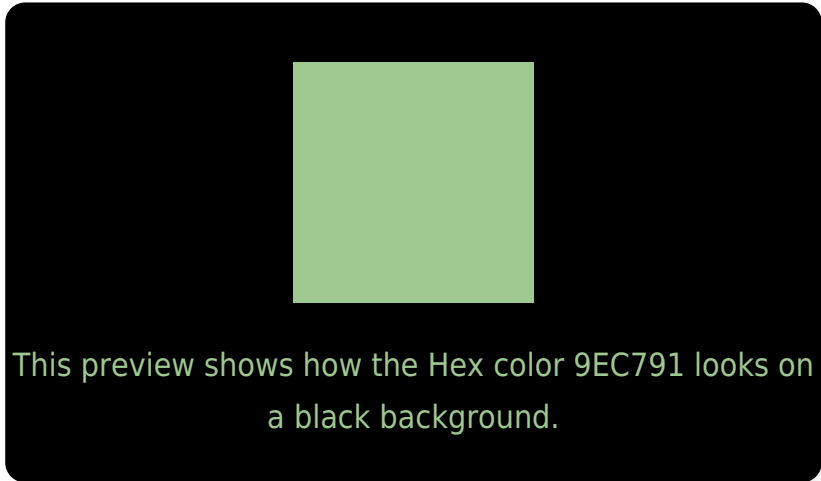
Large Text (above 18pt) WCAG AA × Fail

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

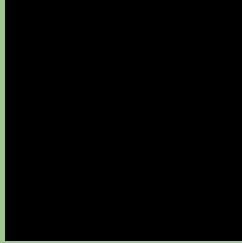
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9EC791 Background



This preview shows how black text looks on a background with the Hex color 9EC791.

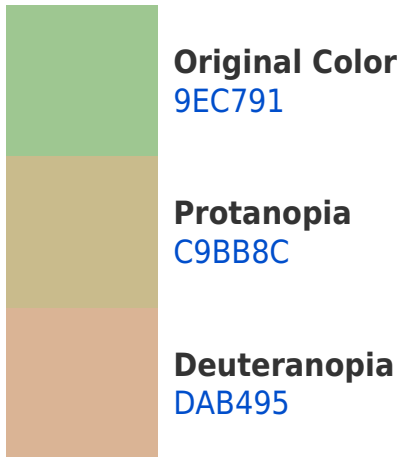


This preview shows how white text looks on a background with the Hex color 9EC791.

# 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](#).

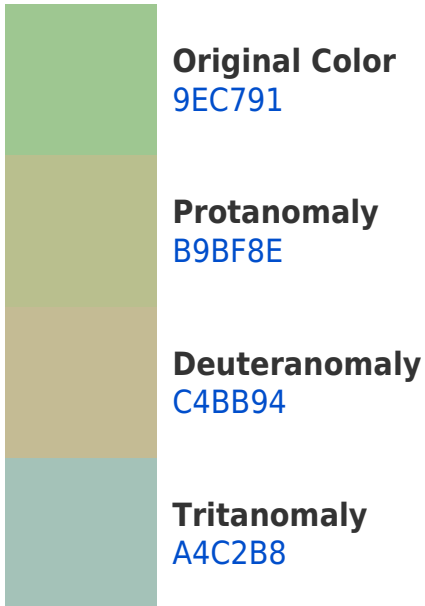
## Dichromacy



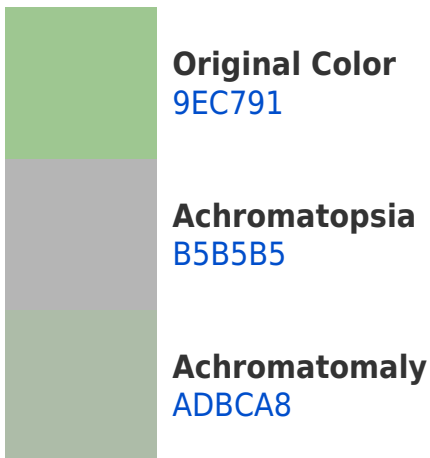


**Tritanopia**  
A8BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EC791 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 #9EC791 looks like.

```
.text, #text, p{  
    color:#9EC791  
}
```

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 #9EC791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EC791
}
```

## Border

The CSS property to change the border of an element to Hex 9EC791 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
#9EC791 }
```

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

```
.border{ border-color:#9EC791 }
```

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

Here you see how a box with a 4 pixel #9EC791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EC791; -webkit-box-shadow:4px 4px  
4px 4px #9EC791; box-shadow:4px 4px 4px  
4px #9EC791 }
```

# Background

The CSS property to change the background color of an element to Hex 9EC791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EC791 }
```

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

```
.background{ background-color:#9EC791 }
```

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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