

# Converting Colors

Hex(99E382)

Have a look what the booklet for  
Hex(99E382) contains.

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**Color**

**Hex(99E382)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99E382
RGB	153, 227, 130
RGB Percent	60%, 89%, 51%
CMY	0.4000, 0.1098, 0.4902
CMYK	0.33, 0.00, 0.43, 0.11
HSL	106°, 63%, 70%
HSV	106°, 43%, 89%
XYZ	44.6352, 63.3222, 30.9890
YIQ	193.8160, -12.9670, -45.8550

# Conversions

## Conversions Part 2

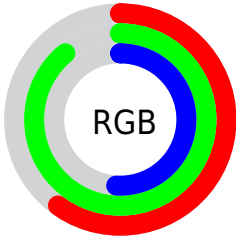
Format	Color
<a href="#">RYB</a>	<a href="#">130, 227, 204</a>
Decimal	<a href="#">10085250</a>
CIELab	<a href="#">83.61, -40.72, 40.19</a>
CIELCh	<a href="#">84, 57.210, 135.376</a>
Yxy	<a href="#">63.3222, 0.3212, 0.4557</a>
Android (android.graphics.Color)	<a href="#">4288275330 (0xFF99E382)</a>
YUV	<a href="#">193.8160, -31.4613, -35.7956</a>
Hunter-Lab	<a href="#">79.5752, -39.1327, 32.6134</a>

# Details

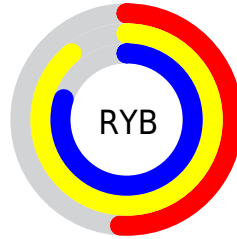
The Hex color **99E382** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **CC82E3**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **D2FFB8**, and **62AB4F** is the 20% darker color. If you saturate the color by 10%, you get **88E36B**, and if you desaturate by 10%, it is **AAE399**.

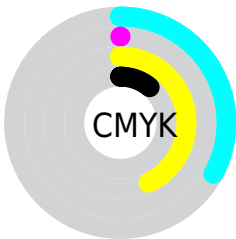
# Distribution



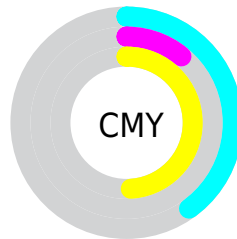
- Red (60%)
- Green (89%)
- Blue (51%)



- Red (51%)
- Yellow (89%)
- Blue (80%)



- Cyan (33%)
- Magenta (0%)
- Yellow (43%)
- Black (11%)



- Cyan (40%)
- Magenta (11%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99E382 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 99E382 by changing the saturation by 10% instead.



 99E382

 99E382

FFFFFF

 7DC768

 D2FFB8

 62AB4F

 EFFF4D

 479036

 FFFFF1

 2B761C

 045D00

 004400

 002E00

 001500

 000000

 99E382

 99E382

 88E36B

 AAE399

 76E355

 BCE3AF

 65E33E

 CDE3C6

 54E327

 DEE3DD

 42E311

 F0E3F3

 36E300

 FFE3FF

# Harmonies

## Analogous

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



D6D665



99E382



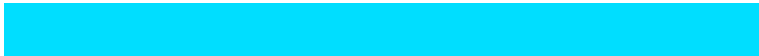
40EAB3

# Triad

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



99E382



00DEFF



FFA4B7

# Complementary

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



99E382



CC82E3

# 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.



FFA7ED



99E382



A9CCFF

# Square

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



99E382



00E8FF



F8B7FF



FFB186

# Rectangle

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



99E382



00ECD9



F8B7FF



FFA3C9

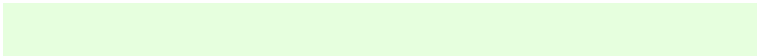


# Sweetspot

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



99E382



E6FFDE



E3CB82



70806B



000000



808080



# Same Dimension

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



99E382



9CFF7D



82E39A



6A7367



2AB300



0C3300



# Inverse Universe

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



CC82E3



E07DFF



E382CB



706773



8800B3



270033



# Previews

## White Background



This preview shows how the Hex color 99E382 looks on a white background.

## Color Contrast Check

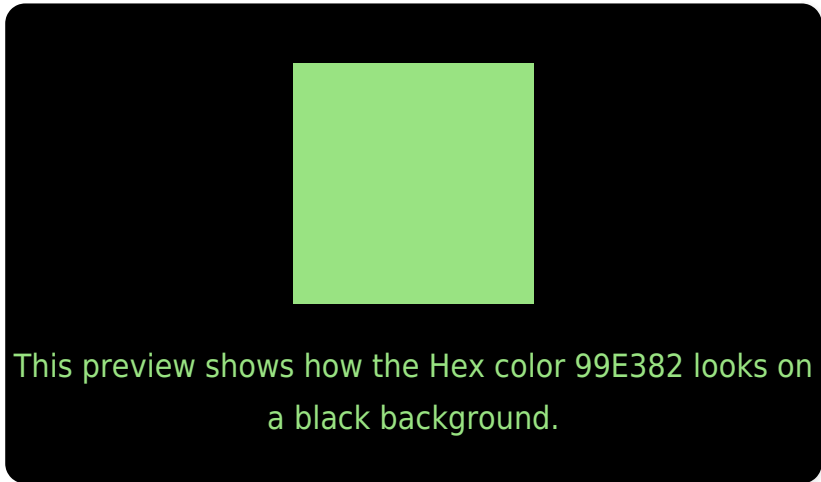
Large Text (above 18pt) WCAG AA × Fail

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

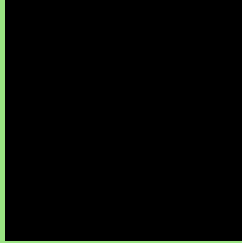
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99E382 Background



This preview shows how black text looks on a background with the Hex color 99E382.

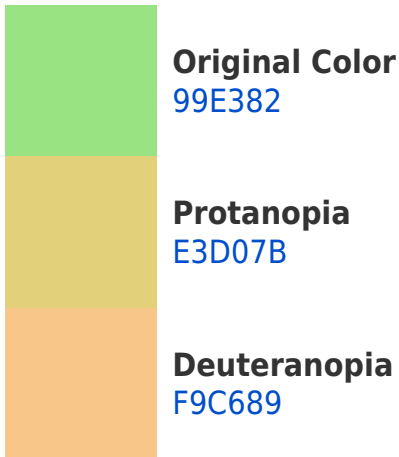


This preview shows how white text looks on a background with the Hex color 99E382.

# 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](#).

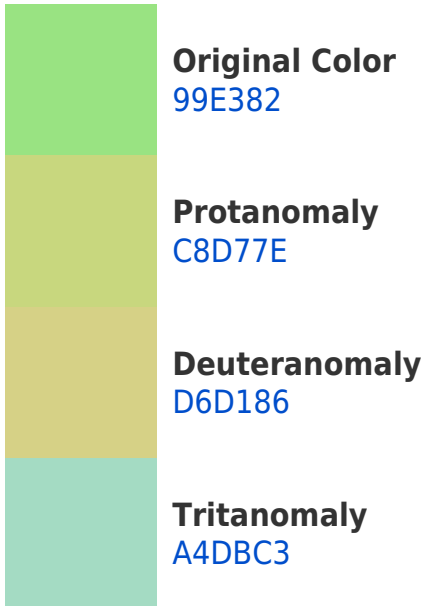
## Dichromacy



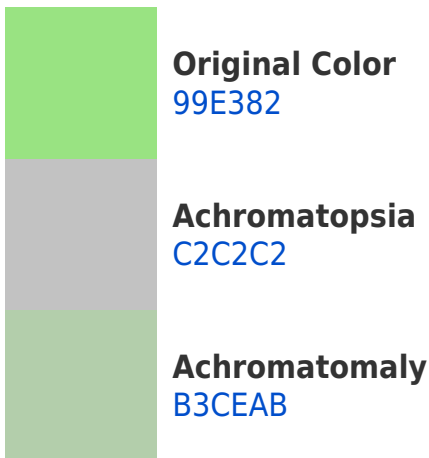


**Tritanopia**  
AAD7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99E382 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 #99E382 looks like.

```
.text, #text, p{  
    color:#99E382  
}
```

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 #99E382 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99E382
}
```

## Border

The CSS property to change the border of an element to Hex 99E382 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
#99E382 }
```

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

```
.border{ border-color:#99E382 }
```

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

Here you see how a box with a 4 pixel #99E382 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99E382; -webkit-box-shadow:4px 4px  
4px 4px #99E382; box-shadow:4px 4px 4px  
4px #99E382 }
```

# Background

The CSS property to change the background color of an element to Hex 99E382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99E382 }
```

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

```
.background{ background-color:#99E382 }
```

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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