

# Converting Colors

Hex(97E479)

Have a look what the booklet for  
Hex(97E479) contains.

<b>Hex(97E479)</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(97E479)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97E479
RGB	151, 228, 121
RGB Percent	59%, 89%, 47%
CMY	0.4078, 0.1059, 0.5255
CMYK	0.34, 0.00, 0.47, 0.11
HSL	103°, 66%, 68%
HSV	103°, 47%, 89%
XYZ	43.9571, 63.4466, 28.0188
YIQ	192.7790, -11.5450, -49.6010

# Conversions

## Conversions Part 2

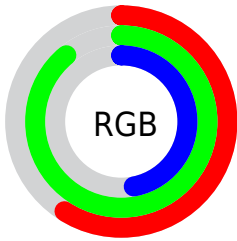
Format	Color
<a href="#">RYB</a>	<a href="#">121, 228, 198</a>
Decimal	<a href="#">9954425</a>
CIELab	<a href="#">83.68, -42.98, 44.65</a>
CIElCh	<a href="#">84, 61.970, 133.910</a>
Yxy	<a href="#">63.4466, 0.3246, 0.4685</a>
Android (android.graphics.Color)	<a href="#">4288144505</a> (0xFF97E479)
YUV	<a href="#">192.7790, -35.3870, -36.6402</a>
Hunter-Lab	<a href="#">79.6534, -40.8873, 34.9016</a>

# Details

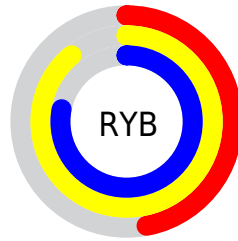
The Hex color **97E479** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C679E4**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **D0FFAF**, and **60AC45** is the 20% darker color. If you saturate the color by 10%, you get **87E462**, and if you desaturate by 10%, it is **A7E490**.

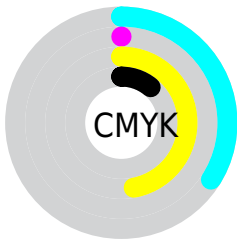
# Distribution



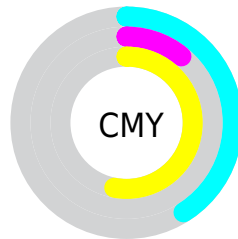
- Red (59%)
- Green (89%)
- Blue (47%)



- Red (47%)
- Yellow (89%)
- Blue (78%)



- Cyan (34%)
- Magenta (0%)
- Yellow (47%)
- Black (11%)



- Cyan (41%)
- Magenta (11%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97E479 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 97E479 by changing the saturation by 10% instead.



 97E479

 97E479

FFFFFF

 7BC85F

 D0FFAF

 60AC45

 EDFFCB

 44912C

 FFFFE8

 26770F

 005E00

 004500

 002E00

 001500

 000000

 97E479

 97E479

 87E462

 A7E490

 76E44B

 B8E4A7

 66E435

 C8E4BD

 55E41E

 D9E4D4

 45E407

 E9E4EB

 40E400

 F9E4FF

 FFE4FF

# Harmonies

## Analogous

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



D8D65A



97E479



2AECAE

# Triad

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



97E479



00E0FF



FF9FB8

# Complementary

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



97E479



C679E4

# Split Complementary

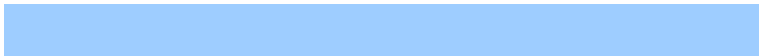
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA3F2



97E479



9ECDFF

# Square

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



97E479



00EAFF



F8B6FF



FFAD82

# Rectangle

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



97E479



00EED7



F8B6FF



FF9ECB

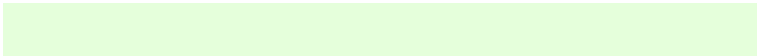


# Sweetspot

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



97E479



E5FFDB



E4C679



70806A



000000



808080



# Same Dimension

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



97E479



98FF70



79E490



6A7367



32B300



0E3300



# Inverse Universe

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



C679E4



D770FF



E479CD



706773



8000B3



250033



# Previews

## White Background



This preview shows how the Hex color 97E479 looks on a white background.

## Color Contrast Check

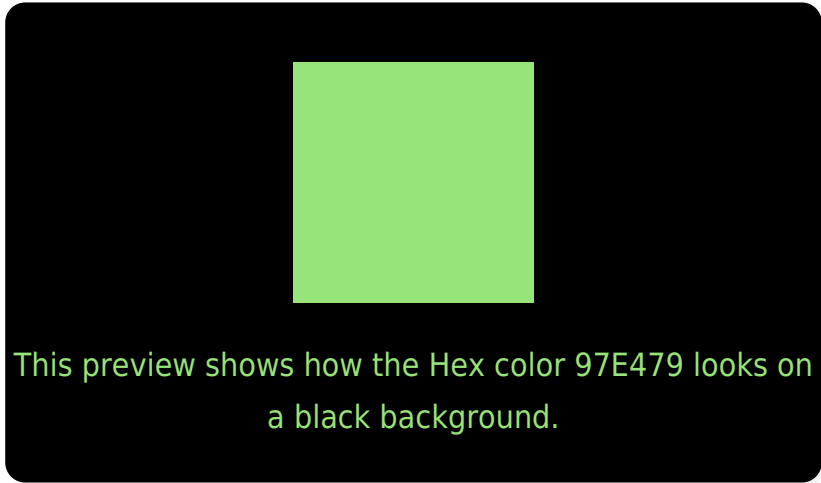
Large Text (above 18pt) WCAG AA × Fail

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 97E479 Background



This preview shows how black text looks on a background with the Hex color 97E479.

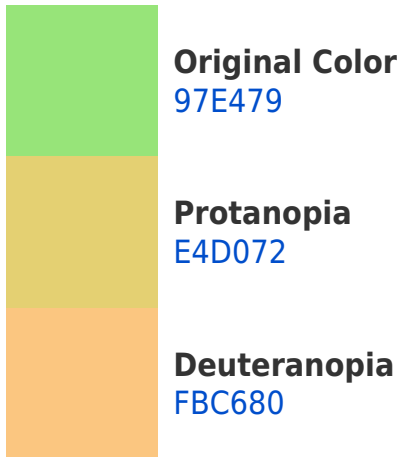


This preview shows how white text looks on a background with the Hex color 97E479.

# 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**  
AAD7E9

# Trichromacy



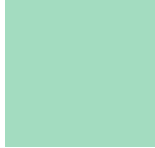
**Original Color**  
97E479



**Protanomaly**  
C8D775



**Deuteranomaly**  
D7D17D



**Tritanomaly**  
A3DCC0

# Monochromacy



**Original Color**  
97E479



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
B2CEA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97E479 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 #97E479 looks like.

```
.text, #text, p{  
    color:#97E479  
}
```

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 #97E479 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97E479
}
```

## Border

The CSS property to change the border of an element to Hex 97E479 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
#97E479 }
```

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

```
.border{ border-color:#97E479 }
```

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

Here you see how a box with a 4 pixel #97E479 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97E479; -webkit-box-shadow:4px 4px  
4px 4px #97E479; box-shadow:4px 4px 4px  
4px #97E479 }
```

# Background

The CSS property to change the background color of an element to Hex 97E479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97E479 }
```

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

```
.background{ background-color:#97E479 }
```

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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