

# Converting Colors

Hex(98E157)

Have a look what the booklet for  
Hex(98E157) contains.

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**Color**

**Hex(98E157)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98E157
RGB	152, 225, 87
RGB Percent	60%, 88%, 34%
CMY	0.4039, 0.1176, 0.6588
CMYK	0.32, 0.00, 0.61, 0.12
HSL	92°, 70%, 61%
HSV	92°, 61%, 88%
XYZ	41.5944, 61.2139, 18.6400
YIQ	187.4410, 0.7900, -58.3940

# Conversions

## Conversions Part 2

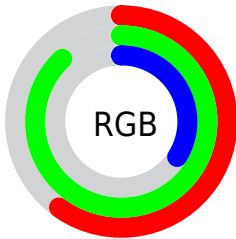
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 225, 160
Decimal	10019159
CIELab	82.49, -44.93, 58.76
CIElCh	82, 73.975, 127.403
Yxy	61.2139, 0.3425, 0.5040
Android (android.graphics.Color)	4288209239 (0xFF98E157)
YUV	187.4410, -49.5174, -31.0818
Hunter-Lab	78.2393, -42.0228, 40.6421

# Details

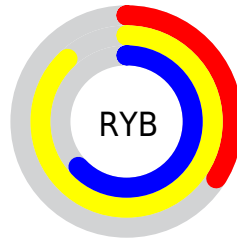
The Hex color **98E157** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **A057E1**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **D2FF8E**, and **5FA91D** is the 20% darker color. If you saturate the color by 10%, you get **8CE141**, and if you desaturate by 10%, it is **A4E16E**.

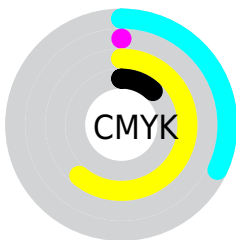
# Distribution



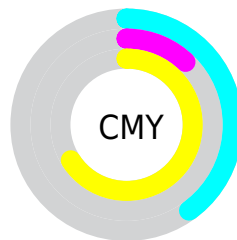
- Red (60%)
- Green (88%)
- Blue (34%)



- Red (34%)
- Yellow (88%)
- Blue (63%)



- Cyan (32%)
- Magenta (0%)
- Yellow (61%)
- Black (12%)



- Cyan (40%)
- Magenta (12%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98E157 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 98E157 by changing the saturation by 10% instead.



 98E157

 98E157

FFFFFF

 7CC53B

 D2FF8E

 5FA91D

 EFFFFA9

 438E00

 FFFFC6

 237400

 FFFFEE3

 005B00

 004300

 002C00

 001000

 000000

■ 98E157

■ 98E157

■ 8CE141

■ A4E16E

■ 80E12A

■ B0E184

■ 74E114

■ BCE19B

■ 6AE100

■ C8E1B1

■ D4E1C8

■ DFE1DE

■ EBE1F4

■ F7E1FF

■ FFE1FF

# Harmonies

## Analogous

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



E2CF34



98E157



00EB95

# Triad

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



98E157



00E3FF



FF8CBF

# Complementary

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



98E157



A057E1

# 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.



FF97FF



98E157



58CFFF

# Square

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



98E157



00EDFF



E7B3FF



FF9B7C

# Rectangle

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



98E157



00EEC5



E7B3FF



FF8DD6

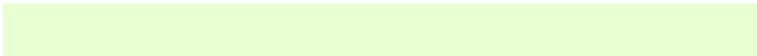


# Sweetspot

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



98E157



E7FFD1



E19E57



718063



000000



808080



# Same Dimension

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



98E157



9BFF42



57E159



6A7065



53B000



173000



# Inverse Universe

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



A057E1



A642FF



E157DF



6B6570



5D00B0



1A0030



# Previews

## White Background



This preview shows how the Hex color 98E157 looks on a white background.

## Color Contrast Check

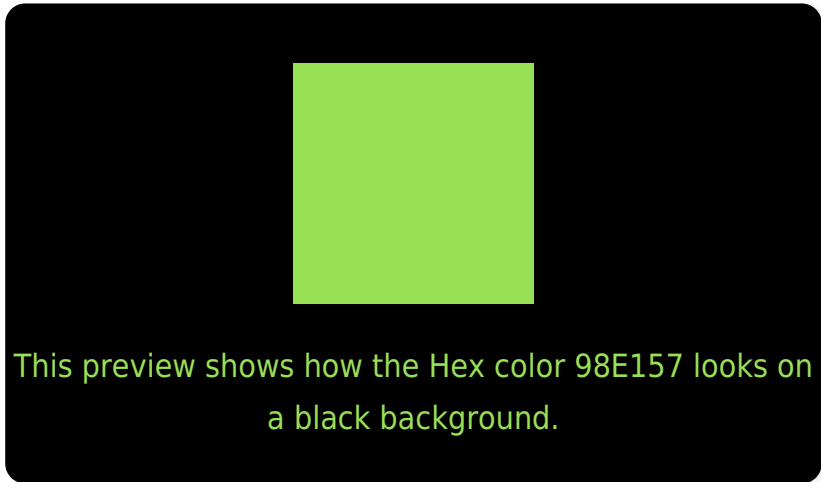
Large Text (above 18pt) WCAG AA × Fail

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 98E157 Background



This preview shows how black text looks on a background with the Hex color 98E157.

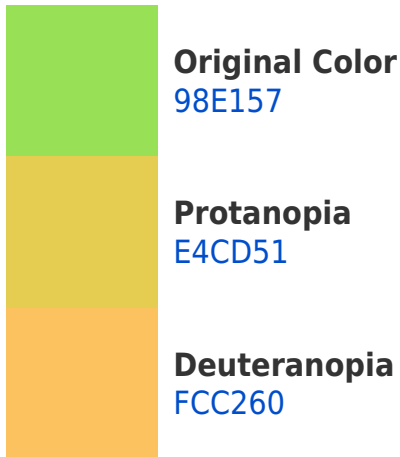


This preview shows how white text looks on a background with the Hex color 98E157.

# 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**  
ACD3E4

# Trichromacy



**Original Color**  
98E157



**Protanomaly**  
C8D453



**Deuteranomaly**  
D8CD5D



**Tritanomaly**  
A5D8B1

# Monochromacy



**Original Color**  
98E157



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
AEC997

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98E157 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 #98E157 looks like.

```
.text, #text, p{  
    color:#98E157  
}
```

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 #98E157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98E157
}
```

## Border

The CSS property to change the border of an element to Hex 98E157 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
#98E157 }
```

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

```
.border{ border-color:#98E157 }
```

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

Here you see how a box with a 4 pixel #98E157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98E157; -webkit-box-shadow:4px 4px  
4px 4px #98E157; box-shadow:4px 4px 4px  
4px #98E157 }
```

# Background

The CSS property to change the background color of an element to Hex 98E157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98E157 }
```

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

```
.background{ background-color:#98E157 }
```

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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