

# Converting Colors

Hex(99E254)

Have a look what the booklet for  
Hex(99E254) contains.

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**Color**

**Hex(99E254)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99E254
RGB	153, 226, 84
RGB Percent	60%, 89%, 33%
CMY	0.4000, 0.1137, 0.6706
CMYK	0.32, 0.00, 0.63, 0.11
HSL	91°, 71%, 61%
HSV	91°, 63%, 89%
XYZ	41.9335, 61.8051, 18.1070
YIQ	187.9850, 2.0740, -59.6380

# Conversions

## Conversions Part 2

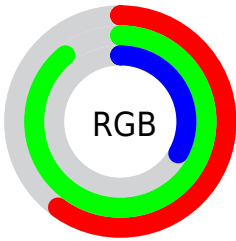
Format	Color
<a href="#">RYB</a>	<a href="#">84, 226, 157</a>
Decimal	<a href="#">10084948</a>
CIELab	<a href="#">82.81, -45.27, 60.38</a>
CIElCh	<a href="#">83, 75.463, 126.860</a>
Yxy	<a href="#">61.8051, 0.3442, 0.5072</a>
Android (android.graphics.Color)	<a href="#">4288275028 (0xFF99E254)</a>
YUV	<a href="#">187.9850, -51.2646, -30.6818</a>
Hunter-Lab	<a href="#">78.6162, -42.3675, 41.3756</a>

# Details

The Hex color **99E254** 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 **9D54E2**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **D3FF8B**, and **60AA17** is the 20% darker color. If you saturate the color by 10%, you get **8DE23D**, and if you desaturate by 10%, it is **A5E26B**.

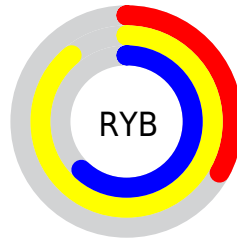
# Distribution



Red (60%)

Green (89%)

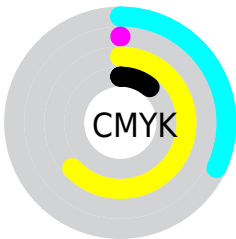
Blue (33%)



Red (33%)

Yellow (89%)

Blue (62%)

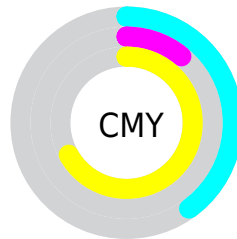


Cyan (32%)

Magenta (0%)

Yellow (63%)

Black (11%)



Cyan (40%)

Magenta (11%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99E254 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 99E254 by changing the saturation by 10% instead.



 99E254

 99E254

FFFFFF

 7DC638

 D3FF8B

 60AA17

 F1FFA7

 438F00

 FFFFC3

 247500

 FFFFEO

 005C00

FFFFFFD

 004300

 002D00

 001200

 000000

■ 99E254

■ 99E254

■ 8DE23D

■ A5E26B

■ 82E227

■ B0E281

■ 76E210

■ BCE298

■ 6EE200

■ C7E2AE

■ D3E2C5

■ DFE2DC

■ EAE2F2

■ F6E2FF

■ FFE2FF

# Harmonies

## Analogous

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



E4D030



99E254



00EC93

# Triad

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



99E254



00E4FF



FF8BC1

# Complementary

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



99E254



9D54E2

# 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



99E254



4ED1FF

# Square

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



99E254



00EEFF



E6B4FF



FF9A7D

# Rectangle

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



99E254



00F0C4



E6B4FF



FF8CD9

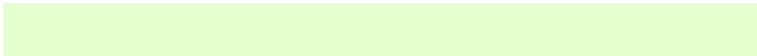


# Sweetspot

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



99E254



E6FFCF



E29B54



708062



000000



808080



# Same Dimension

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



99E254



9DFF40



54E254



6A7065



55B000



183000



# Inverse Universe

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



9D54E2



A240FF



E254E2



6B6570



5A00B0



190030



# Previews

## White Background



This preview shows how the Hex color 99E254 looks on a white background.

## Color Contrast Check

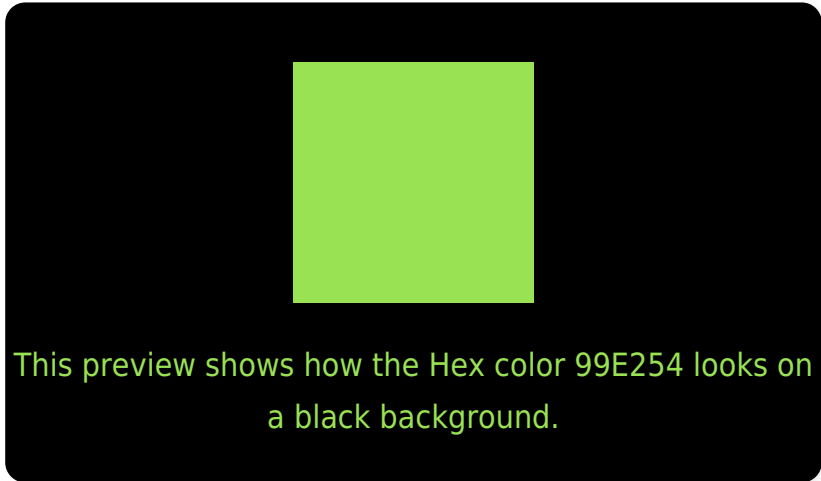
Large Text (above 18pt) WCAG AA × Fail

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 99E254 Background



This preview shows how black text looks on a background with the Hex color 99E254.

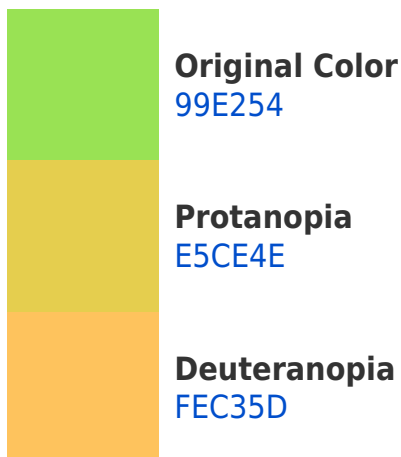


This preview shows how white text looks on a background with the Hex color 99E254.

# 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](#).

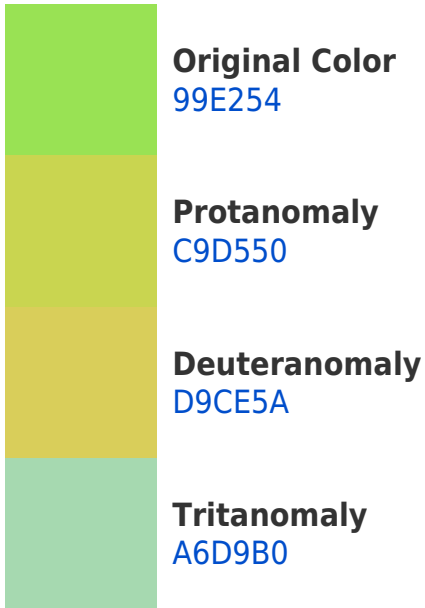
## Dichromacy



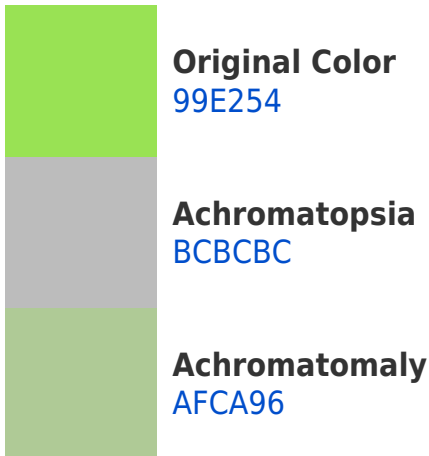


**Tritanopia**  
ADD4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99E254 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 #99E254 looks like.

```
.text, #text, p{  
    color:#99E254  
}
```

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 #99E254 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99E254
}
```

## Border

The CSS property to change the border of an element to Hex 99E254 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
#99E254 }
```

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

```
.border{ border-color:#99E254 }
```

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

Here you see how a box with a 4 pixel #99E254 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99E254; -webkit-box-shadow:4px 4px  
4px 4px #99E254; box-shadow:4px 4px 4px  
4px #99E254 }
```

# Background

The CSS property to change the background color of an element to Hex 99E254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99E254 }
```

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

```
.background{ background-color:#99E254 }
```

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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