

# Converting Colors

Hex(99EB69)

Have a look what the booklet for  
Hex(99EB69) contains.

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**Color**

**Hex(99EB69)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99EB69
RGB	153, 235, 105
RGB Percent	60%, 92%, 41%
CMY	0.4000, 0.0784, 0.5882
CMYK	0.35, 0.00, 0.55, 0.08
HSL	98°, 76%, 67%
HSV	98°, 55%, 92%
XYZ	45.3950, 67.2089, 23.9446
YIQ	195.6620, -7.1420, -57.8140

# Conversions

## Conversions Part 2

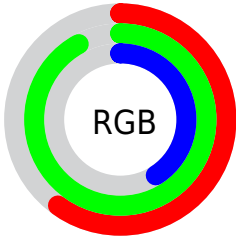
Format	Color
<a href="#">RYB</a>	<a href="#">105, 235, 187</a>
Decimal	<a href="#">10087273</a>
CIELab	<a href="#">85.61, -47.14, 54.47</a>
CIELCh	<a href="#">86, 72.032, 130.873</a>
Yxy	<a href="#">67.2089, 0.3324, 0.4922</a>
Android (android.graphics.Color)	<a href="#">4288277353</a> ( <a href="#">0xFF99EB69</a> )
YUV	<a href="#">195.6620, -44.6964, -37.4146</a>
Hunter-Lab	<a href="#">81.9810, -44.6268, 40.0696</a>

# Details

The Hex color **99EB69** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **BB69EB**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D3FF9F**, and **60B333** is the 20% darker color. If you saturate the color by 10%, you get **8AEB51**, and if you desaturate by 10%, it is **A8EB80**.

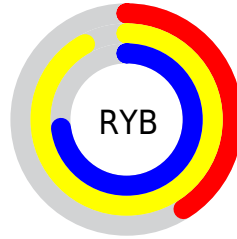
# Distribution



Red (60%)

Green (92%)

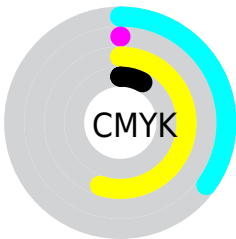
Blue (41%)



Red (41%)

Yellow (92%)

Blue (73%)

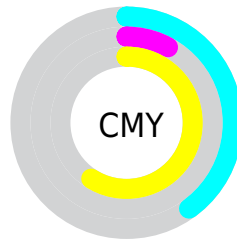


Cyan (35%)

Magenta (0%)

Yellow (55%)

Black (8%)



Cyan (40%)

Magenta (8%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99EB69 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 99EB69 by changing the saturation by 10% instead.



 99EB69

FFFFFF

 D3FF9F

 F0FFBB

 FFFFD8

 FFFFF5

 99EB69

 7DCE4E

 60B333

 439714

 237D00

 006300

 004B00

 003300

 001C00

 000000

 99EB69

 99EB69

 8AEB51

 A8EB80

 7BEB3A

 B7EB98

 6DEB22

 C5EBAF

 5EEB0B

 D4EBC7

 57EB00

 E3EBDE

 F2EBF6

 FFEbff

# Harmonies

## Analogous

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



E4DA45



99EB69



00F4A7

# Triad

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



99EB69



00E9FF



FF98C0

# Complementary

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



99EB69



BB69EB

# 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.



FFA0FF



99EB69



83D5FF

# Square

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



99EB69



00F4FF



FAB9FF



FFA880

# Rectangle

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



99EB69



00F7D6



FAB9FF



FF98D7

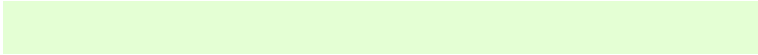


# Sweetspot

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



99EB69



E4FFD4



EBB969



6F8066



000000



808080



# Same Dimension

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



99EB69



95FF57



69EB78



6E756A



43B500



143600



# Inverse Universe

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



BB69EB



C157FF



EB69DC



716A75



7200B5



220036



# Previews

## White Background



This preview shows how the Hex color 99EB69 looks on a white background.

## Color Contrast Check

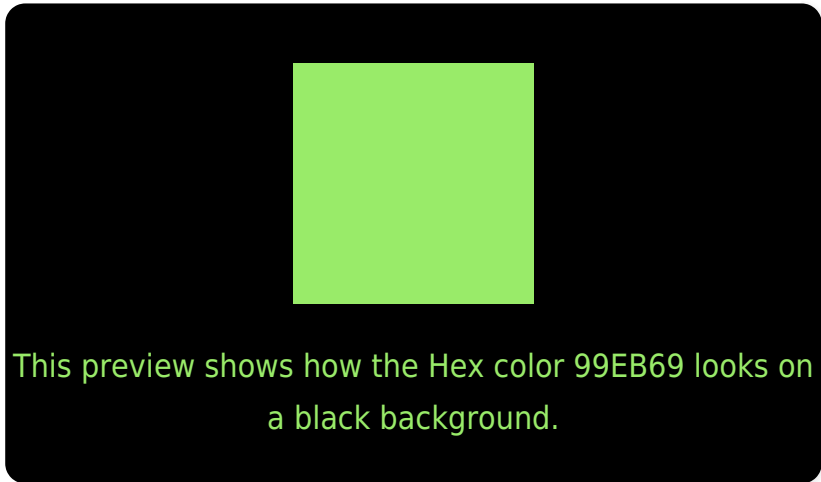
Large Text (above 18pt) WCAG AA × Fail

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 99EB69 Background



This preview shows how black text looks on a background with the Hex color 99EB69.

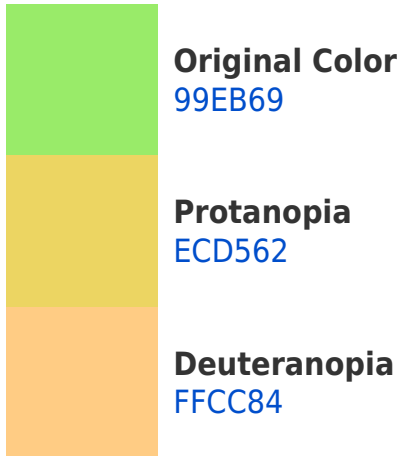


This preview shows how white text looks on a background with the Hex color 99EB69.

# Color Blindness Simulation

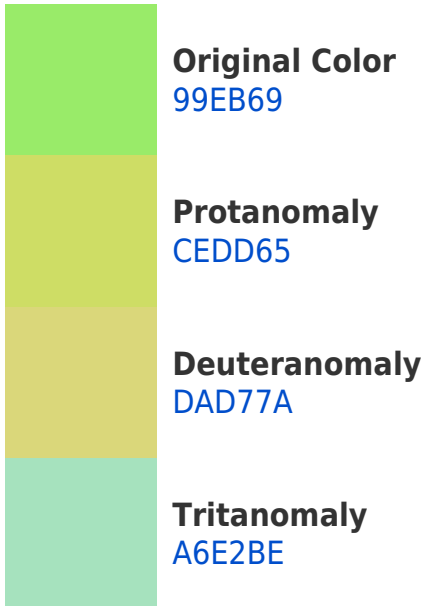
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

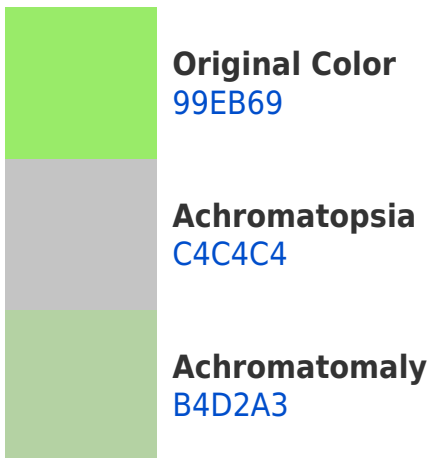




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99EB69 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 #99EB69 looks like.

```
.text, #text, p{  
    color:#99EB69  
}
```

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 #99EB69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99EB69
}
```

## Border

The CSS property to change the border of an element to Hex 99EB69 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
#99EB69 }
```

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

```
.border{ border-color:#99EB69 }
```

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

Here you see how a box with a 4 pixel #99EB69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99EB69; -webkit-box-shadow:4px 4px  
4px 4px #99EB69; box-shadow:4px 4px 4px  
4px #99EB69 }
```

# Background

The CSS property to change the background color of an element to Hex 99EB69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99EB69 }
```

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

```
.background{ background-color:#99EB69 }
```

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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