

# Converting Colors

Hex(99CE51)

Have a look what the booklet for  
Hex(99CE51) contains.

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**Color**

**Hex(99CE51)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99CE51
RGB	153, 206, 81
RGB Percent	60%, 81%, 32%
CMY	0.4000, 0.1922, 0.6824
CMYK	0.26, 0.00, 0.61, 0.19
HSL	85°, 56%, 56%
HSV	85°, 61%, 81%
XYZ	36.6934, 51.5090, 15.7929
YIQ	175.9030, 8.5370, -50.1110

# Conversions

## Conversions Part 2

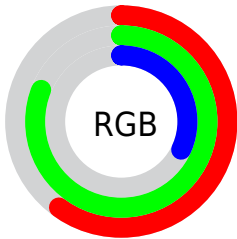
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 206, 134
Decimal	10079825
CIELab	76.99, -36.73, 55.24
CIELCh	77, 66.337, 123.622
Yxy	51.5090, 0.3528, 0.4953
Android (android.graphics.Color)	4288269905 (0xFF99CE51)
YUV	175.9030, -46.7872, -20.0859
Hunter-Lab	71.7698, -34.3363, 37.1921

# Details

The Hex color **99CE51** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **8651CE**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **D2FF87**, and **629718** is the 20% darker color. If you saturate the color by 10%, you get **90CE3C**, and if you desaturate by 10%, it is **A2CE66**.

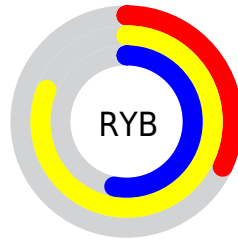
# Distribution



Red (60%)

Green (81%)

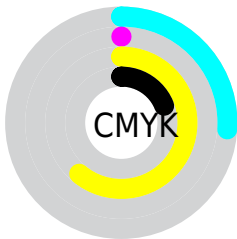
Blue (32%)



Red (32%)

Yellow (81%)

Blue (53%)

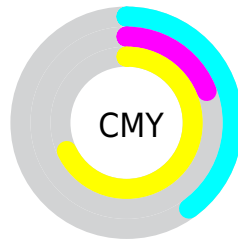


Cyan (26%)

Magenta (0%)

Yellow (61%)

Black (19%)



Cyan (40%)

Magenta (19%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99CE51 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 99CE51 by changing the saturation by 10% instead.



 99CE51

 99CE51

FFFFFF

 7DB236

 D2FF87

 629718

 EFFFFA2

 477D00

 FFFFBE

 2B6400

 FFFFDB

 084B00

 FFFFF8

 003400

 002000

 000000

 99CE51

 99CE51

 90CE3C

 A2CE66

 88CE28

 AACE7A

 7FCE13

 B3CE8F

 77CE00

 BCCEA3

 C5CEB8

 CDCECD

 D6CEE1

 DFCEF6

 E8CEFF

# Harmonies

## Analogous

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



D8BD39



99CE51



36D885

# Triad

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



99CE51



00D3FF



FF86B9

# Complementary

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



99CE51



8651CE

# 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.



FF92F6



99CE51



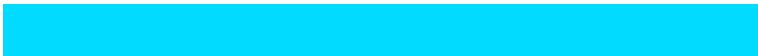
43C2FF

# Square

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



99CE51



00DBFF



CAABFF



FF907D

# Rectangle

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



99CE51



00DBAE



CAABFF



FF87CE

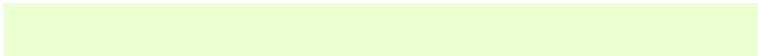


# Sweetspot

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



99CE51



ECFFD1



CE8551



748063



000000



808080



# Same Dimension

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



99CE51



B0FF45



5BCE51



62665C



5FA600



162600



# Inverse Universe

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



8651CE



9445FF



C451CE



605C66



4600A6



100026



# Previews

## White Background



This preview shows how the Hex color 99CE51 looks on a white background.

## Color Contrast Check

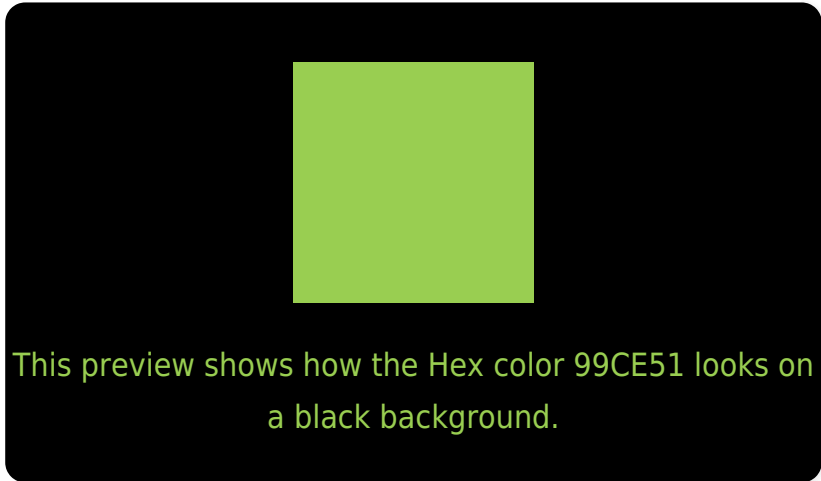
Large Text (above 18pt) WCAG AA × Fail

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 99CE51 Background



This preview shows how black text looks on a background with the Hex color 99CE51.

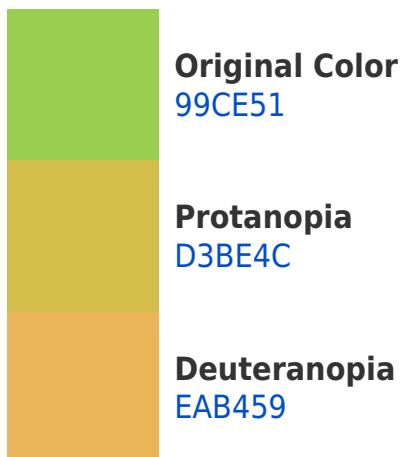


This preview shows how white text looks on a background with the Hex color 99CE51.

# 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



**Original Color**  
99CE51



**Protanomaly**  
BEC44E



**Deuteranomaly**  
CDBD56



**Tritanomaly**  
A4C6A2

# Monochromacy



**Original Color**  
99CE51



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
A8BB8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99CE51 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 #99CE51 looks like.

```
.text, #text, p{  
    color:#99CE51  
}
```

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 #99CE51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99CE51
}
```

## Border

The CSS property to change the border of an element to Hex 99CE51 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
#99CE51 }
```

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

```
.border{ border-color:#99CE51 }
```

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

Here you see how a box with a 4 pixel #99CE51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99CE51; -webkit-box-shadow:4px 4px  
4px 4px #99CE51; box-shadow:4px 4px 4px  
4px #99CE51 }
```

# Background

The CSS property to change the background color of an element to Hex 99CE51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99CE51 }
```

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

```
.background{ background-color:#99CE51 }
```

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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