

# Converting Colors

Hex(99E24B)

Have a look what the booklet for  
Hex(99E24B) contains.

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**Color**

**Hex(99E24B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99E24B
RGB	153, 226, 75
RGB Percent	60%, 89%, 29%
CMY	0.4000, 0.1137, 0.7059
CMYK	0.32, 0.00, 0.67, 0.11
HSL	89°, 72%, 59%
HSV	89°, 67%, 89%
XYZ	41.6032, 61.6730, 16.3680
YIQ	186.9590, 4.9630, -62.4370

# Conversions

## Conversions Part 2

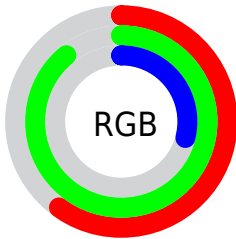
Format	Color
<b>RYB</b>	75, 226, 148
Decimal	10084939
CIELab	82.74, -45.97, 63.90
CIELCh	83, 78.712, 125.730
Yxy	61.6730, 0.3477, 0.5155
Android (android.graphics.Color)	4288275019 (0xFF99E24B)
YUV	186.9590, -55.1958, -29.7820
Hunter-Lab	78.5322, -42.8691, 42.6151

# Details

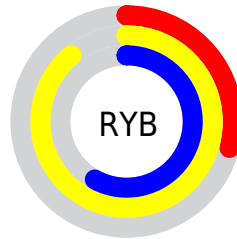
The Hex color **99E24B** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **944BE2**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **D3FF83**, and **60AA01** is the 20% darker color. If you saturate the color by 10%, you get **8EE234**, and if you desaturate by 10%, it is **A4E262**.

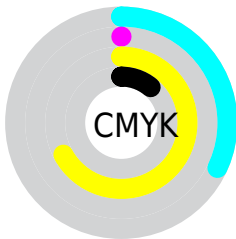
# Distribution



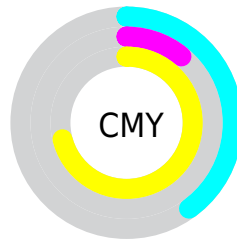
- Red (60%)
- Green (89%)
- Blue (29%)



- Red (29%)
- Yellow (89%)
- Blue (58%)



- Cyan (32%)
- Magenta (0%)
- Yellow (67%)
- Black (11%)



- Cyan (40%)
- Magenta (11%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99E24B 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 99E24B by changing the saturation by 10% instead.



 99E24B

 99E24B

FFFFFF

 7CC62D

 D3FF83

 60AA01

 F1FF9F

 438F00

 FFFFBB

 227500

 FFFFFD8

 005C00

 FFFFF5

 004300

 002D00

 001100

 000000

 99E24B

 99E24B

 8EE234

 A4E262

 83E21E

 AFE278

 78E207

 BAE28F

 75E200

 C5E2A5

 D0E2BC

 DBE2D3

 E5E2E9

 F0E2FF

 FBE2FF

# Harmonies

## Analogous

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



E7CF23



99E24B



00ED8E

# Triad

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



99E24B



00E6FF



FF86C3

# Complementary

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



99E24B



944BE2

# 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.



FF94FF



99E24B



23D2FF

# Square

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



99E24B



00EFFF



E3B4FF



FF967C

# Rectangle

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



99E24B



00F0C1



E3B4FF



FF87DC

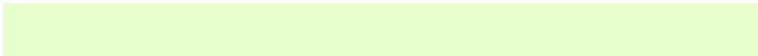


# Sweetspot

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



99E24B



E6FFCC



E2944B



718061



000000



808080



# Same Dimension

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



99E24B



9CFF33



4EE24B



6B7065



5BB000



193000



# Inverse Universe

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



944BE2



9633FF



DF4BE2



6A6570



5500B0



170030



# Previews

## White Background



This preview shows how the Hex color 99E24B looks on a white background.

## Color Contrast Check

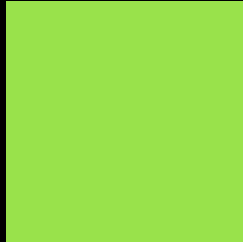
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 99E24B looks on a 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 99E24B Background



This preview shows how black text looks on a background with the Hex color 99E24B.

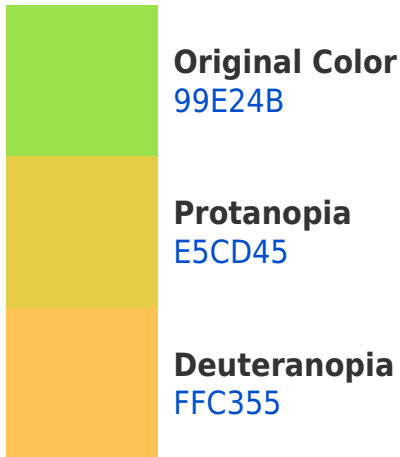


This preview shows how white text looks on a background with the Hex color 99E24B.

# 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**  
AED3E4

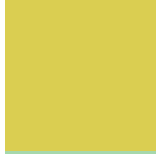
# Trichromacy



**Original Color**  
99E24B



**Protanomaly**  
C9D547



**Deuteranomaly**  
DACE51

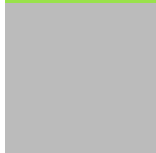


**Tritanomaly**  
A6D8AC

# Monochromacy



**Original Color**  
99E24B



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
AFC992

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99E24B 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 #99E24B looks like.

```
.text, #text, p{  
    color:#99E24B  
}
```

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 #99E24B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99E24B
}
```

## Border

The CSS property to change the border of an element to Hex 99E24B 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
#99E24B }
```

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

```
.border{ border-color:#99E24B }
```

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

Here you see how a box with a 4 pixel #99E24B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99E24B; -webkit-box-shadow:4px 4px  
4px 4px #99E24B; box-shadow:4px 4px 4px  
4px #99E24B }
```

# Background

The CSS property to change the background color of an element to Hex 99E24B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99E24B }
```

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

```
.background{ background-color:#99E24B }
```

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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