

Converting Colors

Hex(99CB4E)

Have a look what the booklet for
Hex(99CB4E) contains.

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Color

Hex(99CB4E)

Conversions

Conversions Part 1

Format	Color
Hex	99CB4E
RGB	153, 203, 78
RGB Percent	60%, 80%, 31%
CMY	0.4000, 0.2039, 0.6941
CMYK	0.25, 0.00, 0.62, 0.20
HSL	84°, 55%, 55%
HSV	84°, 62%, 80%
XYZ	35.8680, 50.0342, 14.9749
YIQ	173.8000, 10.3250, -49.4750

Conversions

Conversions Part 2

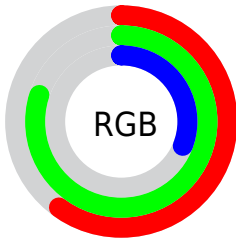
Format	Color
RYB	78, 203, 128
Decimal	10079054
CIELab	76.09, -35.62, 55.54
CIELCh	76, 65.981, 122.674
Yxy	50.0342, 0.3556, 0.4960
Android (android.graphics.Color)	4288269134 (0xFF99CB4E)
YUV	173.8000, -47.2294, -18.2416
Hunter-Lab	70.7349, -33.2730, 36.9625

Details

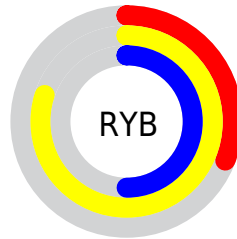
The Hex color **99CB4E** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **804ECB**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **D2FF84**, and **629513** is the 20% darker color. If you saturate the color by 10%, you get **91CB3A**, and if you desaturate by 10%, it is **A1CB62**.

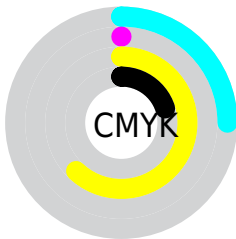
Distribution



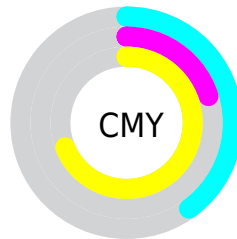
- Red (60%)
- Green (80%)
- Blue (31%)



- Red (31%)
- Yellow (80%)
- Blue (50%)



- Cyan (25%)
- Magenta (0%)
- Yellow (62%)
- Black (20%)



- Cyan (40%)
- Magenta (20%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99CB4E 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 99CB4E by changing the saturation by 10% instead.

 99CB4E

 99CB4E

FFFFFF

 7DAF33

 D2FF84

 629513

 EFFF9F

 477B00

 FFFFBB

 2B6100

 FFFFD8

 0A4900

 FFFFF5


 003200

 001E00

 000000

 99CB4E

 99CB4E

 91CB3A

 A1CB62

 89CB25

 A9CB77

 81CB11

 B1CB8B

 7ACB00

 B9CB9F

 C2CBB4

 CACBC8

 D2CBDC

 DACBF0

 E2CBFF

Harmonies

Analogous

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



D7BA38



99CB4E



39D581

Triad

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



99CB4E



00D0FF



FF84B9

Complementary

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



99CB4E



804ECB

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.



FF90F5



99CB4E



37C1FF

Square

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



99CB4E



00D8FC



C5A9FF



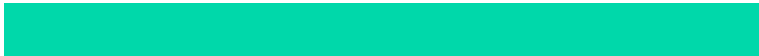
FF8D7D

Rectangle

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



99CB4E



00D8AA



C5A9FF



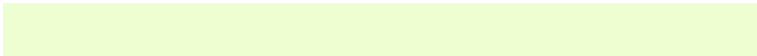
FF86CD

Sweetspot

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



99CB4E



EDFFD1



CB804E



748063



000000



808080

Same Dimension

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



99CB4E



B4FF42



5BCB4E



62665C



63A600



172600

Inverse Universe

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



804ECB



8E42FF



BF4ECB



605C66



4200A6



0F0026

Previews

White Background



This preview shows how the Hex color 99CB4E looks on a white background.

Color Contrast Check

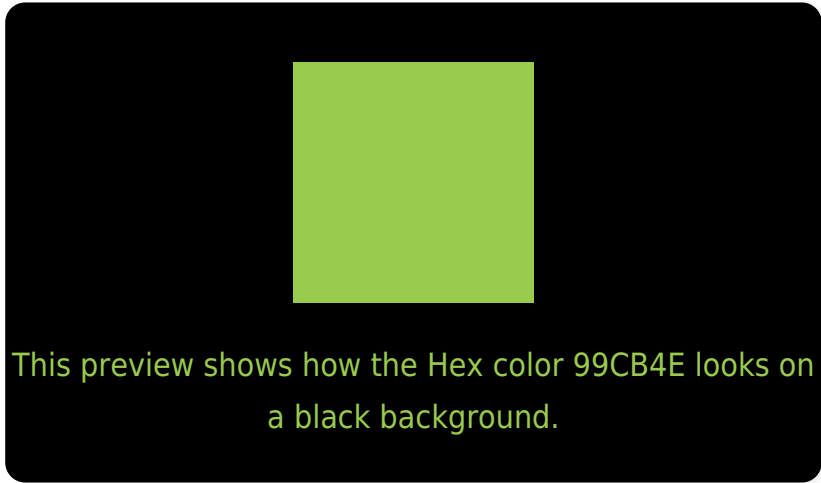
Large Text (above 18pt) WCAG AA × Fail

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 99CB4E Background



This preview shows how black text looks on a background with the Hex color 99CB4E.

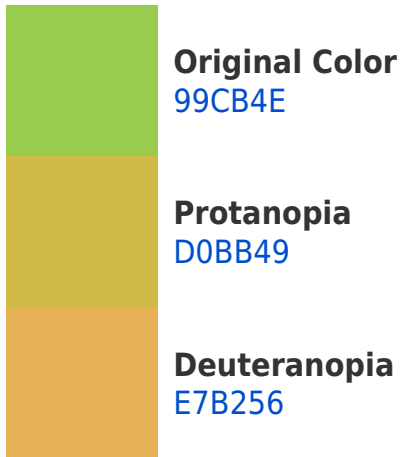


This preview shows how white text looks on a background with the Hex color 99CB4E.

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](#).

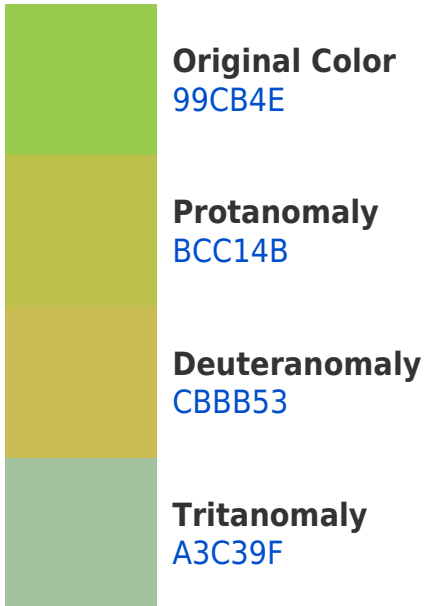
Dichromacy





Tritanopia
A9BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99CB4E 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 #99CB4E looks like.

```
.text, #text, p{  
    color:#99CB4E  
}
```

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 #99CB4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99CB4E
}
```

Border

The CSS property to change the border of an element to Hex 99CB4E 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
#99CB4E }
```

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

```
.border{ border-color:#99CB4E }
```

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

Here you see how a box with a 4 pixel #99CB4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99CB4E; -webkit-box-shadow:4px 4px  
4px 4px #99CB4E; box-shadow:4px 4px 4px  
4px #99CB4E }
```

Background

The CSS property to change the background color of an element to Hex 99CB4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99CB4E }
```

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

```
.background{ background-color:#99CB4E }
```

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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