

Converting Colors

Hex(99C854)

Have a look what the booklet for
Hex(99C854) contains.

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Color

Hex(99C854)

Conversions

Conversions Part 1

Format	Color
Hex	99C854
RGB	153, 200, 84
RGB Percent	60%, 78%, 33%
CMY	0.4000, 0.2157, 0.6706
CMYK	0.24, 0.00, 0.58, 0.22
HSL	84°, 51%, 56%
HSV	84°, 58%, 78%
XYZ	35.3914, 48.7210, 15.9263
YIQ	172.7230, 9.2240, -46.0400

Conversions

Conversions Part 2

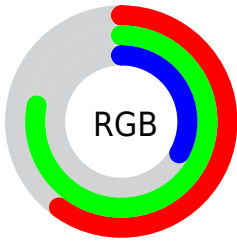
Format	Color
RYB	84, 200, 131
Decimal	10078292
CIELab	75.28, -33.72, 52.00
CIELCh	75, 61.976, 122.966
Yxy	48.7210, 0.3538, 0.4870
Android (android.graphics.Color)	4288268372 (0xFF99C854)
YUV	172.7230, -43.7404, -17.2971
Hunter-Lab	69.8004, -31.6446, 35.3322

Details

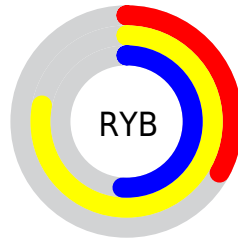
The Hex color **99C854** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **8354C8**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **D2FF89**, and **62921D** is the 20% darker color. If you saturate the color by 10%, you get **91C840**, and if you desaturate by 10%, it is **A1C868**.

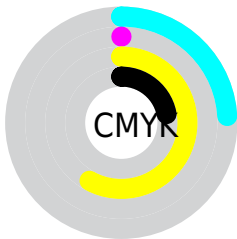
Distribution



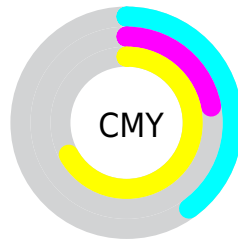
- Red (60%)
- Green (78%)
- Blue (33%)



- Red (33%)
- Yellow (78%)
- Blue (51%)



- Cyan (24%)
- Magenta (0%)
- Yellow (58%)
- Black (22%)



- Cyan (40%)
- Magenta (22%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99C854 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 99C854 by changing the saturation by 10% instead.



99C854



99C854

FFFFFF



7DAD3A



D2FF89



62921D



EFFFA5



487800



FFFFC1



2D5F00



FFFFDD



0F4700



FFFFFA



003000



001B00



000000



99C854



99C854

 91C840

 A1C868

 89C82C

 A9C87C

 81C818

 B1C890

 79C804

 B9C8A4

 77C800

 C2C8B8

 CAC8CC

 D2C8E0

 DAC8F4

 E2C8FF

Harmonies

Analogous

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



D4B840



99C854



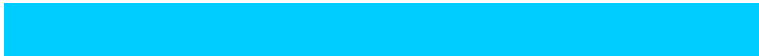
44D183

Triad

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



99C854



00CDFE



FF86B6

Complementary

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



99C854



8354C8

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.



FF91EE



99C854



4DBEFF

Square

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



99C854



00D4F6



C3A8FF



FF8F7E

Rectangle

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



99C854



00D5AA



C3A8FF



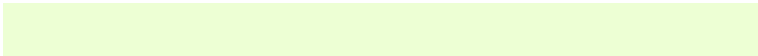
FF88C9

Sweetspot

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



99C854



EDFFD4



C88254



758066



000000



808080

Same Dimension

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



99C854



B7FF4D



60C854



5F635A



61A300



152400

Inverse Universe

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



8354C8



954DFF



BC54C8



5E5A63



4200A3



0E0024

Previews

White Background



This preview shows how the Hex color 99C854 looks on a white background.

Color Contrast Check

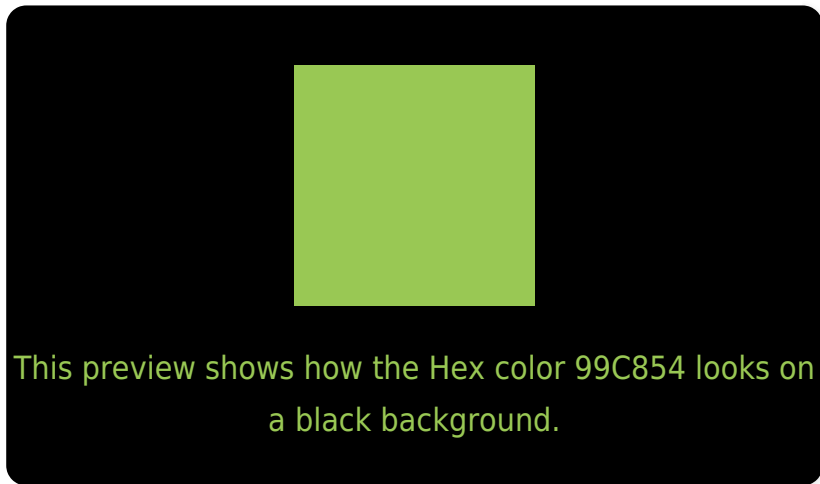
Large Text (above 18pt) WCAG AA × Fail

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 99C854 Background



This preview shows how black text looks on a background with the Hex color 99C854.

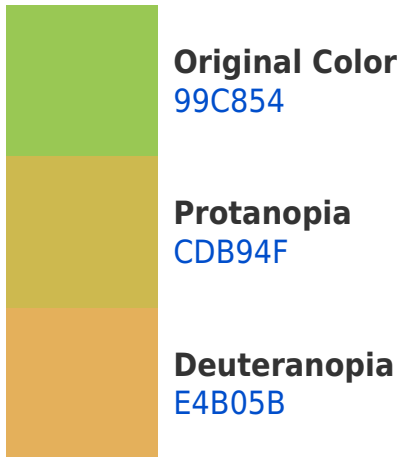


This preview shows how white text looks on a background with the Hex color 99C854.

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
99C854

Protanomaly
BABE51

Deuteranomaly
C9B958

Tritanomaly
A3C0A0

Monochromacy



Original Color
99C854

Achromatopsia
ADADAD

Achromatomaly
A6B78D

CSS Examples

Text

The CSS property to change the color of the text to Hex 99C854 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 #99C854 looks like.

```
.text, #text, p{  
    color:#99C854  
}
```

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 #99C854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99C854
}
```

Border

The CSS property to change the border of an element to Hex 99C854 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
#99C854 }
```

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

```
.border{ border-color:#99C854 }
```

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

Here you see how a box with a 4 pixel #99C854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99C854; -webkit-box-shadow:4px 4px  
4px 4px #99C854; box-shadow:4px 4px 4px  
4px #99C854 }
```

Background

The CSS property to change the background color of an element to Hex 99C854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99C854 }
```

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

```
.background{ background-color:#99C854 }
```

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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