

Converting Colors

Hex(9FC84E)

Have a look what the booklet for
Hex(9FC84E) contains.

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Color

Hex(9FC84E)

Conversions

Conversions Part 1

Format	Color
Hex	9FC84E
RGB	159, 200, 78
RGB Percent	62%, 78%, 31%
CMY	0.3765, 0.2157, 0.6941
CMYK	0.20, 0.00, 0.61, 0.22
HSL	80°, 53%, 55%
HSV	80°, 61%, 78%
XYZ	36.3275, 49.2295, 14.7953
YIQ	173.8330, 14.7260, -46.6340

Conversions

Conversions Part 2

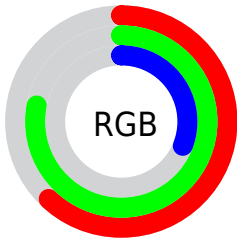
Format	Color
RYB	78, 200, 119
Decimal	10471502
CIELab	75.59, -31.94, 55.10
CIELCh	76, 63.689, 120.103
Yxy	49.2295, 0.3620, 0.4906
Android (android.graphics.Color)	4288661582 (0xFF9FC84E)
YUV	173.8330, -47.2457, -13.0085
Hunter-Lab	70.1638, -30.3677, 36.6123

Details

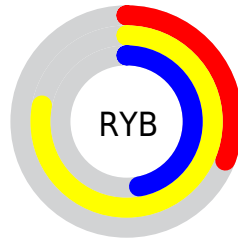
The Hex color **9FC84E** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **774EC8**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **D8FF84**, and **689214** is the 20% darker color. If you saturate the color by 10%, you get **98C83A**, and if you desaturate by 10%, it is **A6C862**.

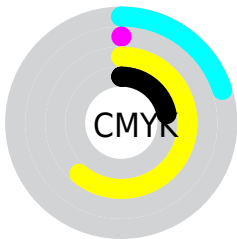
Distribution



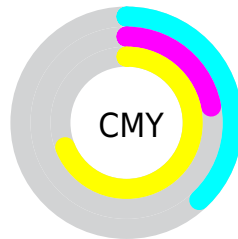
- Red (62%)
- Green (78%)
- Blue (31%)



- Red (31%)
- Yellow (78%)
- Blue (47%)



- Cyan (20%)
- Magenta (0%)
- Yellow (61%)
- Black (22%)



- Cyan (38%)
- Magenta (22%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FC84E 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 9FC84E by changing the saturation by 10% instead.



9FC84E



9FC84E

FFFFFF



83AD33



D8FF84



689214



F5FF9F



4D7800



FFFFBB



335F00



FFFFD7



164700



FFFFF5



003000



001C00



000000



9FC84E



9FC84E

 98C83A

 A6C862

 92C826

 ACC876

 8BC812

 B3C88A

 85C800

 BAC89E

 C1C8B2

 C7C8C6

 CEC8DA

 D5C8EE

 DBC8FF

Harmonies

Analogous

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



DAB73D



9FC84E



4CD27D

Triad

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



9FC84E



00CFFF



FF85BC

Complementary

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



9FC84E



774EC8

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.



FF93F6



9FC84E



29C1FF

Square

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



9FC84E



00D6F4



BCABFF



FF8C83

Rectangle

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



9FC84E



00D6A4



BCABFF



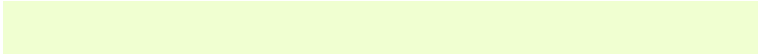
FF88D0

Sweetspot

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



9FC84E



F0FFD1



C8774E



768063



000000



808080

Same Dimension

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



9FC84E



C0FF45



62C84E



60635A



6CA300



182400

Inverse Universe

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



774EC8



8345FF



B44EC8



5D5A63



3700A3



0C0024

Previews

White Background



This preview shows how the Hex color 9FC84E 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 9FC84E 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 9FC84E Background



This preview shows how black text looks on a background with the Hex color 9FC84E.

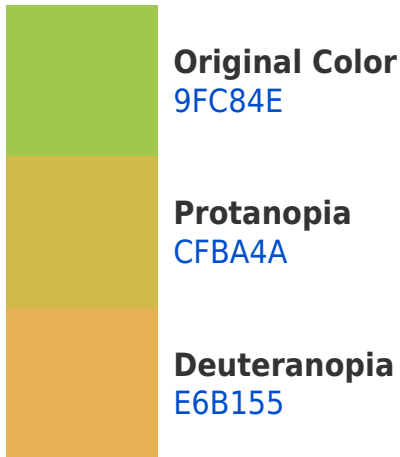


This preview shows how white text looks on a background with the Hex color 9FC84E.

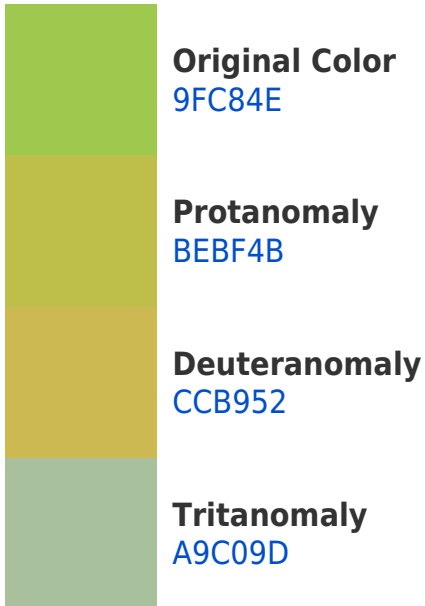
Color Blindness Simulation

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 9FC84E 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 #9FC84E looks like.

```
.text, #text, p{  
    color:#9FC84E  
}
```

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 #9FC84E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FC84E
}
```

Border

The CSS property to change the border of an element to Hex 9FC84E 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
#9FC84E }
```

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

```
.border{ border-color:#9FC84E }
```

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

Here you see how a box with a 4 pixel #9FC84E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FC84E; -webkit-box-shadow:4px 4px  
4px 4px #9FC84E; box-shadow:4px 4px 4px  
4px #9FC84E }
```

Background

The CSS property to change the background color of an element to Hex 9FC84E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FC84E }
```

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

```
.background{ background-color:#9FC84E }
```

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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