

# Converting Colors

Hex(9FCD4E)

Have a look what the booklet for  
Hex(9FCD4E) contains.

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**Color**

**Hex(9FCD4E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9FCD4E
RGB	159, 205, 78
RGB Percent	62%, 80%, 31%
CMY	0.3765, 0.1961, 0.6941
CMYK	0.22, 0.00, 0.62, 0.20
HSL	82°, 56%, 55%
HSV	82°, 62%, 80%
XYZ	37.5045, 51.5836, 15.1877
YIQ	176.7680, 13.3510, -49.2490

# Conversions

## Conversions Part 2

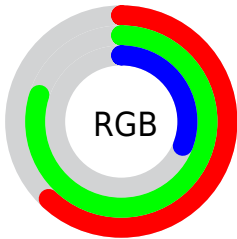
Format	Color
<a href="#">RYB</a>	<a href="#">78, 205, 124</a>
Decimal	<a href="#">10472782</a>
CIELab	<a href="#">77.03, -34.26, 56.68</a>
CIELCh	<a href="#">77, 66.227, 121.154</a>
Yxy	<a href="#">51.5836, 0.3597, 0.4947</a>
Android (android.graphics.Color)	<a href="#">4288662862</a> ( <a href="#">0xFF9FCD4E</a> )
YUV	<a href="#">176.7680, -48.6926, -15.5825</a>
Hunter-Lab	<a href="#">71.8217, -32.4773, 37.7376</a>

# Details

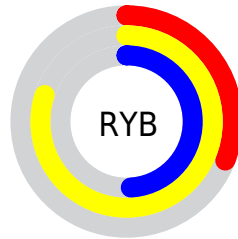
The Hex color **9FCD4E** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **7C4ECD**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D8FF84**, and **689712** is the 20% darker color. If you saturate the color by 10%, you get **98CD3A**, and if you desaturate by 10%, it is **A6CD63**.

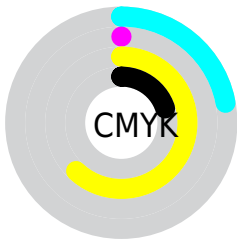
# Distribution



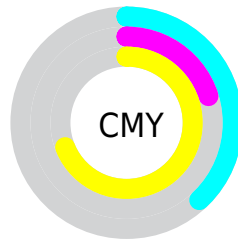
- Red (62%)
- Green (80%)
- Blue (31%)



- Red (31%)
- Yellow (80%)
- Blue (49%)



- Cyan (22%)
- Magenta (0%)
- Yellow (62%)
- Black (20%)



- Cyan (38%)
- Magenta (20%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FCD4E 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 9FCD4E by changing the saturation by 10% instead.



 9FCD4E

 9FCD4E

FFFFFF

 83B133

 D8FF84

 689712

 F6FF9F

 4D7C00

 FFFFBB

 326300

 FFFFD8

 134B00

 FFFFF5

 003400

 002000

 000000

 9FCD4E

 9FCD4E

 98CD3A

 A6CD63

 90CD25

 AECD77

 89CD10

 B5CD8B

 83CD00

 BDCDA0

 C4CDB5

 CCCDC9

 D3CDDE

 DACDF2

 E2CDFF

# Harmonies

## Analogous

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



DDBC3A



9FCD4E



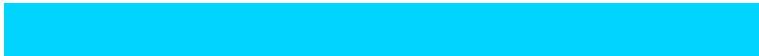
44D780

# Triad

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



9FCD4E



00D4FF



FF86BE

# Complementary

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



9FCD4E



7C4ECD

# 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.



FF94FA



9FCD4E



29C4FF

# Square

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



9FCD4E



00DBFC



C3ADFF



FF8F82

# Rectangle

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



9FCD4E



00DBA9



C3ADFF



FF88D3

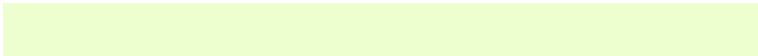


# Sweetspot

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



9FCD4E



EDFFCF



CD7A4E



758062



000000



808080



# Same Dimension

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



9FCD4E



BBFF42



61CD4E



62665C



6AA600



182600



# Inverse Universe

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



7C4ECD



8742FF



BA4ECD



5F5C66



3C00A6



0E0026



# Previews

## White Background



This preview shows how the Hex color 9FCD4E looks on a white background.

## Color Contrast Check

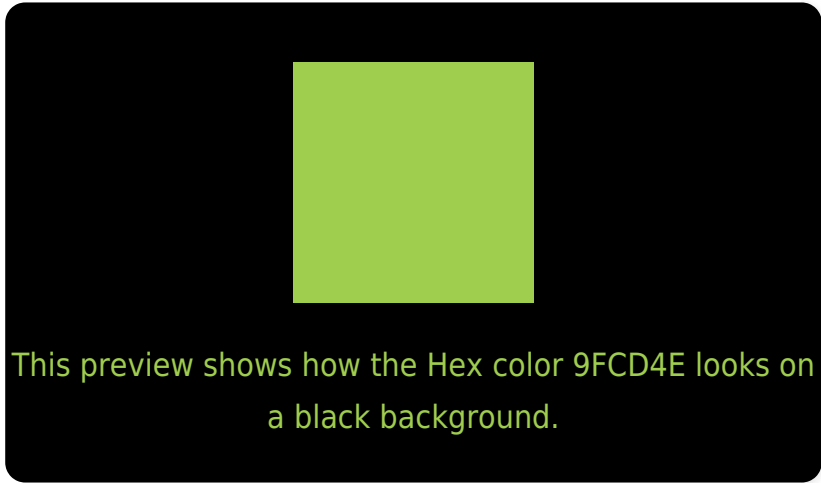
Large Text (above 18pt) WCAG AA × Fail

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 9FCD4E Background



This preview shows how black text looks on a background with the Hex color 9FCD4E.

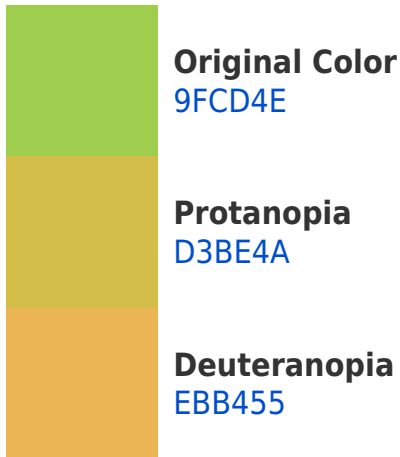


This preview shows how white text looks on a background with the Hex color 9FCD4E.

# Color Blindness Simulation

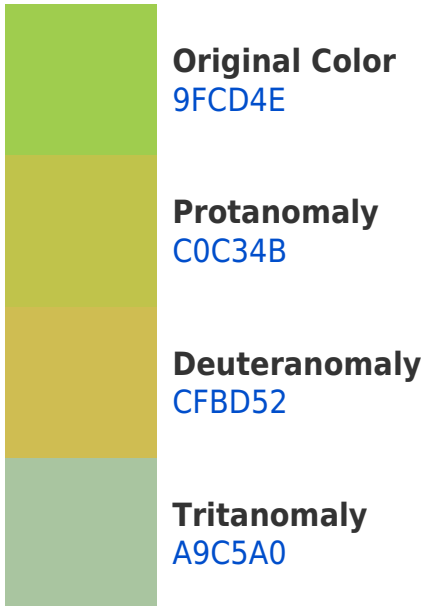
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

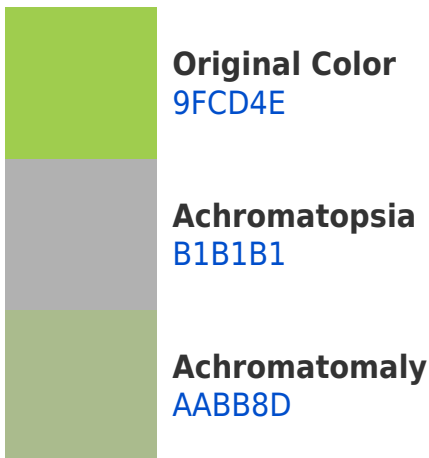




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FCD4E 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 #9FCD4E looks like.

```
.text, #text, p{  
    color:#9FCD4E  
}
```

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 #9FCD4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FCD4E
}
```

## Border

The CSS property to change the border of an element to Hex 9FCD4E 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
#9FCD4E }
```

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

```
.border{ border-color:#9FCD4E }
```

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

Here you see how a box with a 4 pixel #9FCD4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FCD4E; -webkit-box-shadow:4px 4px  
4px 4px #9FCD4E; box-shadow:4px 4px 4px  
4px #9FCD4E }
```

# Background

The CSS property to change the background color of an element to Hex 9FCD4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FCD4E }
```

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

```
.background{ background-color:#9FCD4E }
```

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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