

# Converting Colors

Hex(9CD14D)

Have a look what the booklet for  
Hex(9CD14D) contains.

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**Color**

**Hex(9CD14D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CD14D
RGB	156, 209, 77
RGB Percent	61%, 82%, 30%
CMY	0.3882, 0.1804, 0.6980
CMYK	0.25, 0.00, 0.63, 0.18
HSL	84°, 59%, 56%
HSV	84°, 63%, 82%
XYZ	37.8503, 53.2047, 15.2958
YIQ	178.1050, 10.7840, -52.2880

# Conversions

## Conversions Part 2

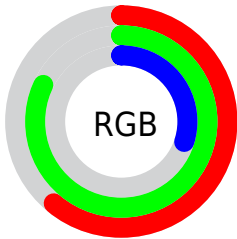
Format	Color
<b>RYB</b>	77, 209, 130
Decimal	10277197
CIELab	78.00, -37.30, 58.09
CIELCh	78, 69.035, 122.700
Yxy	53.2047, 0.3559, 0.5003
Android (android.graphics.Color)	4288467277 (0xFF9CD14D)
YUV	178.1050, -49.8448, -19.3861
Hunter-Lab	72.9415, -35.0217, 38.6260

# Details

The Hex color **9CD14D** 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 **824DD1**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D5FF83**, and **649A0F** is the 20% darker color. If you saturate the color by 10%, you get **94D138**, and if you desaturate by 10%, it is **A4D162**.

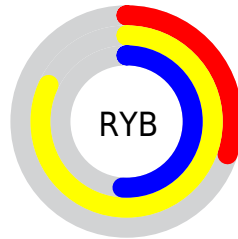
# Distribution



Red (61%)

Green (82%)

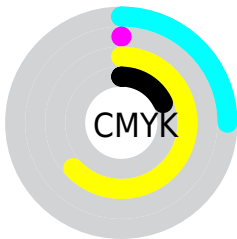
Blue (30%)



Red (30%)

Yellow (82%)

Blue (51%)

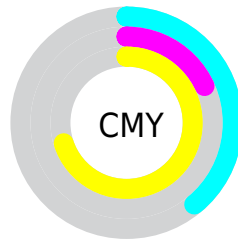


Cyan (25%)

Magenta (0%)

Yellow (63%)

Black (18%)



Cyan (39%)

Magenta (18%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CD14D 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 9CD14D by changing the saturation by 10% instead.



 9CD14D

 9CD14D

FFFFFF

 80B531

 D5FF83

 649A0F

 F3FF9F

 498000

 FFFFBB

 2D6700

 FFFFD8

 0B4E00

 FFFFF5

 003700

 002300

 000000

 9CD14D

 9CD14D

■ 94D138

■ A4D162

■ 8BD123

■ ADD177

■ 83D10E

■ B5D18C

■ 7DD100

■ BED1A1

■ C6D1B6

■ CED1CA

■ D7D1DF

■ DFD1F4

■ E8D1FF

# Harmonies

## Analogous

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



DEC035



9CD14D



33DB83

# Triad

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



9CD14D



00D7FF



FF85BE

# Complementary

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



9CD14D



824DD1

# 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.



FF93FD



9CD14D



2BC6FF

# Square

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



9CD14D



00DFFF



CAADFF



FF8F7F

# Rectangle

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



9CD14D



00DFAE



CAADFF



FF87D3



# Sweetspot

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



9CD14D



ECFFCF



D1824D



748062



000000



808080



# Same Dimension

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



9CD14D



B1FF3D



5AD14D



64695E



65A800



182900



# Inverse Universe

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



824DD1



8B3DFF



C44DD1



625E69



4400A8



100029



# Previews

## White Background



This preview shows how the Hex color 9CD14D looks on a white background.

## Color Contrast Check

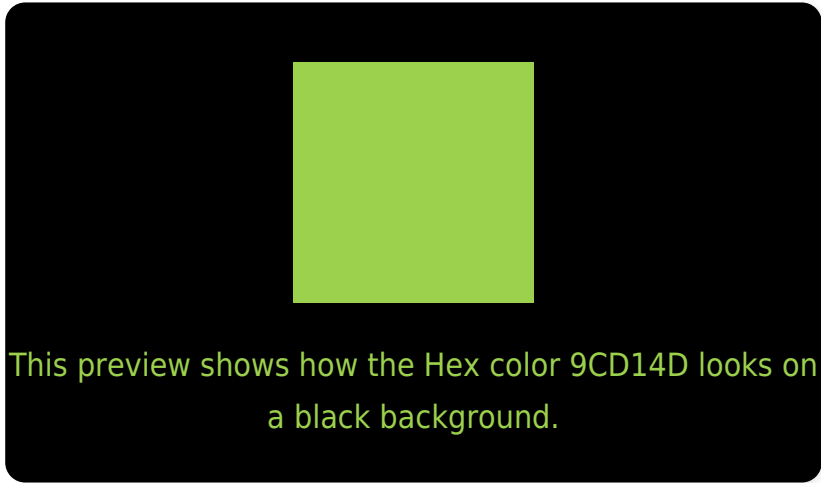
Large Text (above 18pt) WCAG AA × Fail

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 9CD14D Background



This preview shows how black text looks on a background with the Hex color 9CD14D.

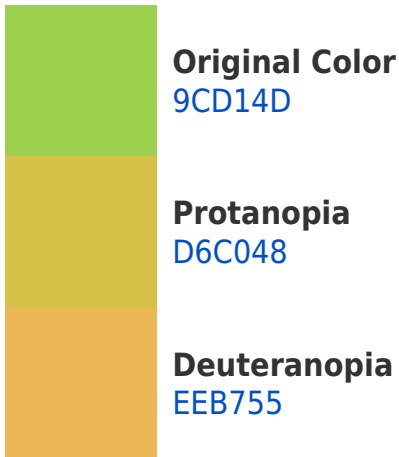


This preview shows how white text looks on a background with the Hex color 9CD14D.

# Color Blindness Simulation

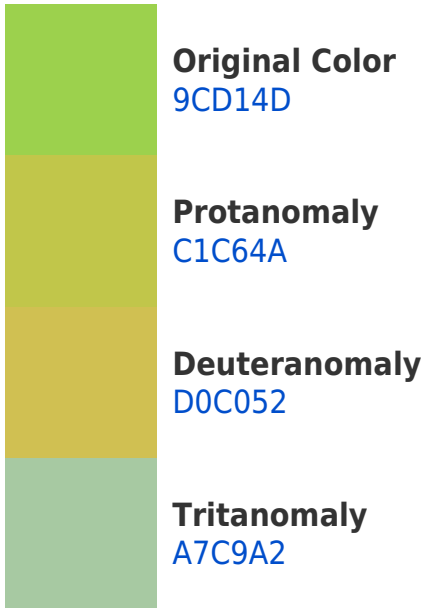
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

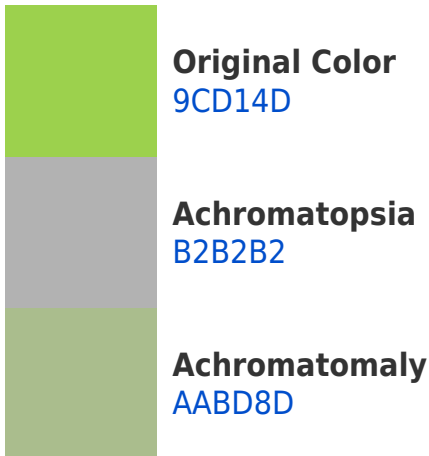




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CD14D 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 #9CD14D looks like.

```
.text, #text, p{  
    color:#9CD14D  
}
```

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 #9CD14D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CD14D
}
```

## Border

The CSS property to change the border of an element to Hex 9CD14D 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
#9CD14D }
```

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

```
.border{ border-color:#9CD14D }
```

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

Here you see how a box with a 4 pixel #9CD14D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CD14D; -webkit-box-shadow:4px 4px  
4px 4px #9CD14D; box-shadow:4px 4px 4px  
4px #9CD14D }
```

# Background

The CSS property to change the background color of an element to Hex 9CD14D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CD14D }
```

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

```
.background{ background-color:#9CD14D }
```

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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