

Converting Colors

Hex(9DC37A)

Have a look what the booklet for
Hex(9DC37A) contains.

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Color

Hex(9DC37A)

Conversions

Conversions Part 1

Format	Color
Hex	9DC37A
RGB	157, 195, 122
RGB Percent	62%, 76%, 48%
CMY	0.3843, 0.2353, 0.5216
CMYK	0.19, 0.00, 0.37, 0.24
HSL	91°, 38%, 62%
HSV	91°, 37%, 76%
XYZ	36.9326, 47.6035, 25.6542
YIQ	175.3160, 0.7850, -30.7590

Conversions

Conversions Part 2

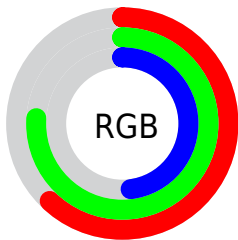
Format	Color
RYB	122, 195, 160
Decimal	10339194
CIELab	74.57, -25.54, 32.64
CIELCh	75, 41.444, 128.052
Yxy	47.6035, 0.3352, 0.4320
Android (android.graphics.Color)	4288529274 (0xFF9DC37A)
YUV	175.3160, -26.2848, -16.0631
Hunter-Lab	68.9953, -25.1921, 26.2512

Details

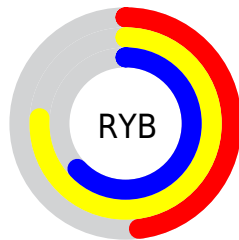
The Hex color **9DC37A** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A07AC3**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **D5FCAF**, and **688D48** is the 20% darker color. If you saturate the color by 10%, you get **93C367**, and if you desaturate by 10%, it is **A7C38E**.

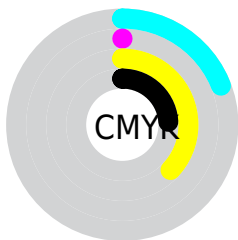
Distribution



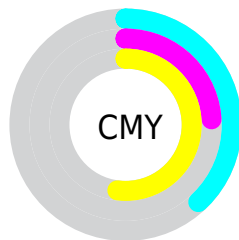
- Red (62%)
- Green (76%)
- Blue (48%)



- Red (48%)
- Yellow (76%)
- Blue (63%)



- Cyan (19%)
- Magenta (0%)
- Yellow (37%)
- Black (24%)



- Cyan (38%)
- Magenta (24%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DC37A 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 9DC37A by changing the saturation by 10% instead.

 9DC37A

 9DC37A

FFFFFF

 82A861

 D5FCAF

 688D48

 F1FFCB

 4F7330

 FFFFE7

 365B19

 1E4300

 052C00

 001900

 000000

 9DC37A

 9DC37A

93C367

A7C38E

89C353

B1C3A1

7FC340

BBC3B5

74C32C

C6C3C8

6AC318

D0C3DB

60C305

DAC3EF

5DC300

E4C3FF

EEC3FF

F8C3FF

Harmonies

Analogous

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



C6B96B



9DC37A



6DCA9A

Triad

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



9DC37A



49C3FD



FF99AE

Complementary

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



9DC37A



A07AC3

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.



F09ED5



9DC37A



90B8FF

Square

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



9DC37A



00CAE5



C9AAF4



FD9F8A

Rectangle

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



9DC37A



48CCB4



C9AAF4



FE9ABB

Sweetspot

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



9DC37A



EEFCE1



C3A07A



77806F



000000



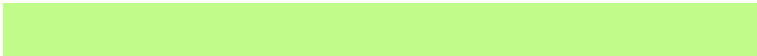
808080

Same Dimension

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



9DC37A



C1FC8B



7AC37B



5C6157



4DA100



102100

Inverse Universe

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



A07AC3



C68BFC



C37AC2



5C5761



5400A1



110021

Previews

White Background



This preview shows how the Hex color 9DC37A 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 9DC37A 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 9DC37A Background



This preview shows how black text looks on a background with the Hex color 9DC37A.

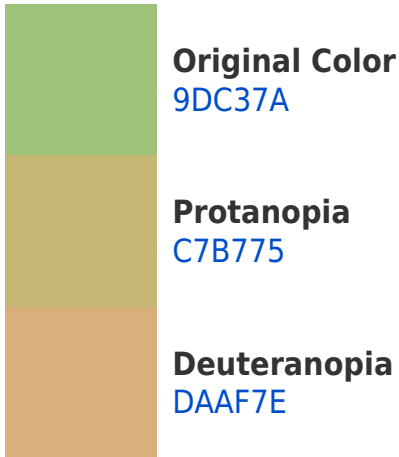


This preview shows how white text looks on a background with the Hex color 9DC37A.

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
9DC37A

Protanomaly
B8BB77

Deuteranomaly
C4B67D

Tritanomaly
A5BDAC

Monochromacy



Original Color
9DC37A

Achromatopsia
AFAFAF

Achromatomaly
A8B69C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DC37A 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 #9DC37A looks like.

```
.text, #text, p{  
    color:#9DC37A  
}
```

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 #9DC37A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC37A
}
```

Border

The CSS property to change the border of an element to Hex 9DC37A 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
#9DC37A }
```

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

```
.border{ border-color:#9DC37A }
```

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

Here you see how a box with a 4 pixel #9DC37A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC37A; -webkit-box-shadow:4px 4px  
4px 4px #9DC37A; box-shadow:4px 4px 4px  
4px #9DC37A }
```

Background

The CSS property to change the background color of an element to Hex 9DC37A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC37A }
```

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

```
.background{ background-color:#9DC37A }
```

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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