

Converting Colors

Hex(9FD37E)

Have a look what the booklet for
Hex(9FD37E) contains.

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Color

Hex(9FD37E)

Conversions

Conversions Part 1

Format	Color
Hex	9FD37E
RGB	159, 211, 126
RGB Percent	62%, 83%, 49%
CMY	0.3765, 0.1725, 0.5059
CMYK	0.25, 0.00, 0.40, 0.17
HSL	97°, 49%, 66%
HSV	97°, 40%, 83%
XYZ	41.3582, 55.4658, 28.2648
YIQ	185.7620, -3.7070, -37.4590

Conversions

Conversions Part 2

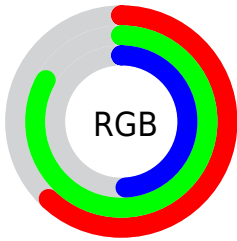
Format	Color
RYB	126, 211, 178
Decimal	10474366
CIELab	79.31, -31.93, 36.74
CIELCh	79, 48.675, 130.987
Yxy	55.4658, 0.3306, 0.4434
Android (android.graphics.Color)	4288664446 (0xFF9FD37E)
YUV	185.7620, -29.4627, -23.4703
Hunter-Lab	74.4754, -31.2059, 29.6311

Details

The Hex color **9FD37E** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B27ED3**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **D7FFB4**, and **699C4B** is the 20% darker color. If you saturate the color by 10%, you get **92D369**, and if you desaturate by 10%, it is **ACD393**.

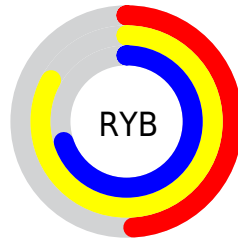
Distribution



Red (62%)

Green (83%)

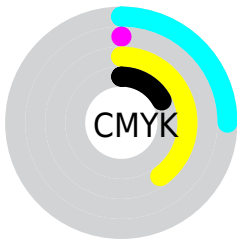
Blue (49%)



Red (49%)

Yellow (83%)

Blue (70%)

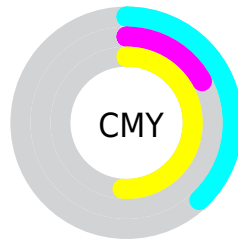


Cyan (25%)

Magenta (0%)

Yellow (40%)

Black (17%)



Cyan (38%)

Magenta (17%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FD37E 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 9FD37E by changing the saturation by 10% instead.

 9FD37E

 9FD37E

FFFFFF

 84B764

 D7FFB4

 699C4B

 F4FFD0

 4F8233

 FFFFEC

 36681A

 1B5000

 003800

 002400

 000000

 9FD37E

 9FD37E

92D369

ACD393

85D354

B9D3A8

78D33F

C6D3BD

6BD32A

D3D3D2

5ED315

E0D3E7

52D300

ECD3FD

F9D3FF

FFD3FF

Harmonies

Analogous

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



D1C769



9FD37E



62DAA5

Triad

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



9FD37E



34D1FF



FFA0B5

Complementary

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



9FD37E



B27ED3

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.



FFA4E3



9FD37E



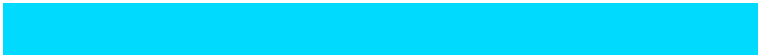
9BC3FF

Square

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



9FD37E



00DAFF



DFB2FF



FFA88B

Rectangle

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



9FD37E



1DDCC4



DFB2FF



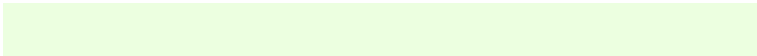
FFA0C5

Sweetspot

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



9FD37E



ECFFE0



D3B17E



75806E



000000



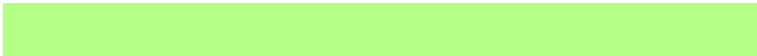
808080

Same Dimension

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



9FD37E



B4FF85



7ED386



62695E



41A800



102900

Inverse Universe

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



B27ED3



CF85FF



D37ECB



645E69



6700A8



190029

Previews

White Background



This preview shows how the Hex color 9FD37E 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 9FD37E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

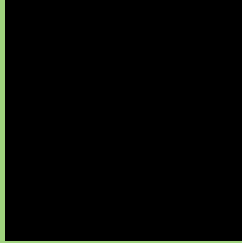
Any Text WCAG AA ✓ Pass

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 9FD37E Background



This preview shows how black text looks on a background with the Hex color 9FD37E.

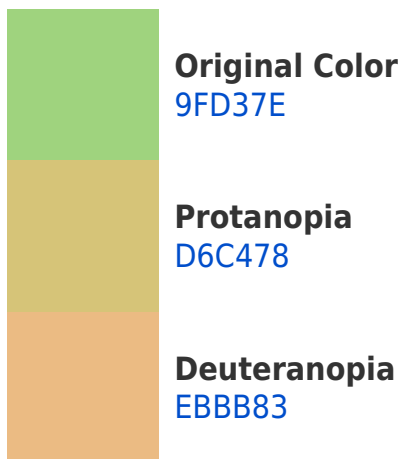


This preview shows how white text looks on a background with the Hex color 9FD37E.

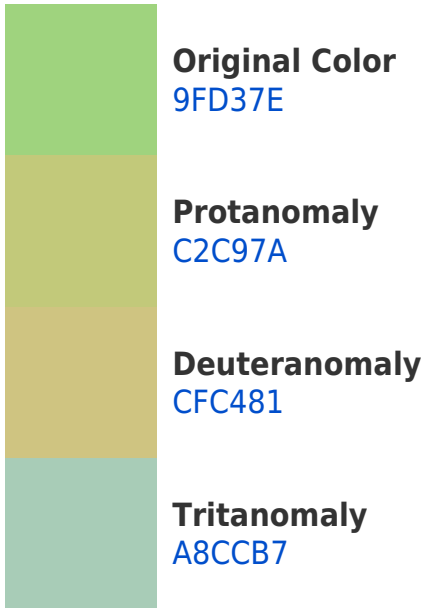
Color Blindness Simulation

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](#).

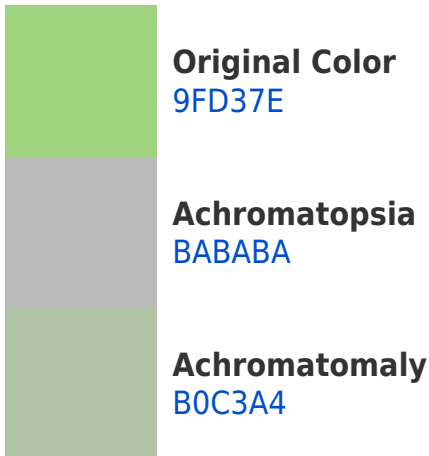
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9FD37E 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 #9FD37E looks like.

```
.text, #text, p{  
    color:#9FD37E  
}
```

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 #9FD37E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FD37E
}
```

Border

The CSS property to change the border of an element to Hex 9FD37E 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
#9FD37E }
```

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

```
.border{ border-color:#9FD37E }
```

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

Here you see how a box with a 4 pixel #9FD37E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FD37E; -webkit-box-shadow:4px 4px  
4px 4px #9FD37E; box-shadow:4px 4px 4px  
4px #9FD37E }
```

Background

The CSS property to change the background color of an element to Hex 9FD37E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FD37E }
```

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

```
.background{ background-color:#9FD37E }
```

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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