

# Converting Colors

Hex(9DDF7E)

Have a look what the booklet for  
Hex(9DDF7E) contains.

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# **Color**

**Hex(9DDF7E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9DDF7E
RGB	157, 223, 126
RGB Percent	62%, 87%, 49%
CMY	0.3843, 0.1255, 0.5059
CMYK	0.30, 0.00, 0.43, 0.13
HSL	101°, 60%, 68%
HSV	101°, 43%, 87%
XYZ	44.0582, 61.4498, 29.2776
YIQ	192.2080, -8.1990, -44.1590

# Conversions

## Conversions Part 2

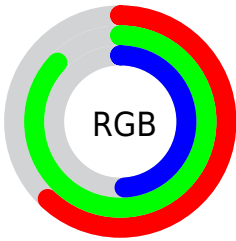
Format	Color
<a href="#">RYB</a>	<a href="#">126, 223, 192</a>
Decimal	<a href="#">10346366</a>
CIELab	<a href="#">82.62, -38.13, 40.95</a>
CIElCh	<a href="#">83, 55.948, 132.958</a>
Yxy	<a href="#">61.4498, 0.3269, 0.4559</a>
Android (android.graphics.Color)	<a href="#">4288536446 (0xFF9DDF7E)</a>
YUV	<a href="#">192.2080, -32.6405, -30.8774</a>
Hunter-Lab	<a href="#">78.3899, -36.8584, 32.7290</a>

# Details

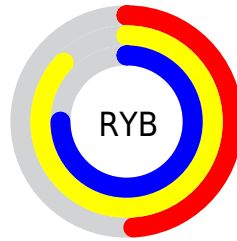
The Hex color **9DDF7E** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C07EDF**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **D6FFB4**, and **67A74B** is the 20% darker color. If you saturate the color by 10%, you get **8EDF68**, and if you desaturate by 10%, it is **ACDF94**.

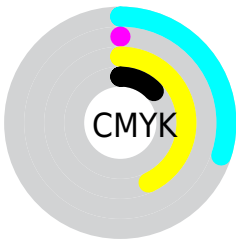
# Distribution



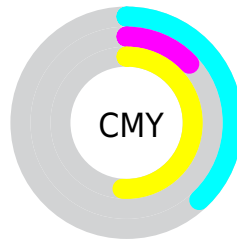
- Red (62%)
- Green (87%)
- Blue (49%)



- Red (49%)
- Yellow (87%)
- Blue (75%)



- Cyan (30%)
- Magenta (0%)
- Yellow (43%)
- Black (13%)



- Cyan (38%)
- Magenta (13%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DDF7E 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 9DDF7E by changing the saturation by 10% instead.



 9DDF7E

 9DDF7E

FFFFFF

 82C364

 D6FFB4


 67A74B

 F3FFD0

 4C8D32

 FFFFED

 317318

 115A00

 004100

 002B00

 001100

 000000

 9DDF7E

 9DDF7E

 8EDF68

 ACDF94

 7FDF51

 BBDFAB

 6FDF3B

 CBDFC1

 60DF25

 DADFD7

 51DF0F

 E9DFEE

 47DF00

 F8DFFF

 FFDFFF

# Harmonies

## Analogous

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



D7D264



9DDF7E



4DE6AD

# Triad

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



9DDF7E



00DCFF



FFA2B9

# Complementary

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



9DDF7E



C07EDF

# 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.



FFA6EE



9DDF7E



A0CBFF

# Square

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



9DDF7E



00E5FF



EFB7FF



FFAD88

# Rectangle

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



9DDF7E



00E9D1



EFB7FF



FFA2CA

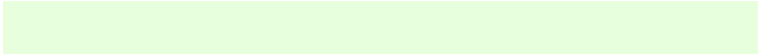


# Sweetspot

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



9DDF7E



E8FFDE



DFBF7E



72806B



000000



808080

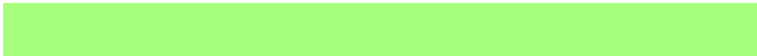


# Same Dimension

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



9DDF7E



A5FF7A



7EDF8E



697065



38B000



0F3000



# Inverse Universe

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



C07EDF



D57AFF



DF7ECF



6D6570



7800B0

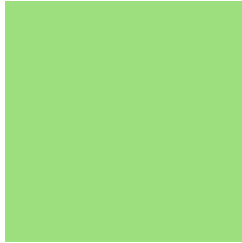


210030



# Previews

## White Background



This preview shows how the Hex color 9DDF7E looks on a white background.

## Color Contrast Check

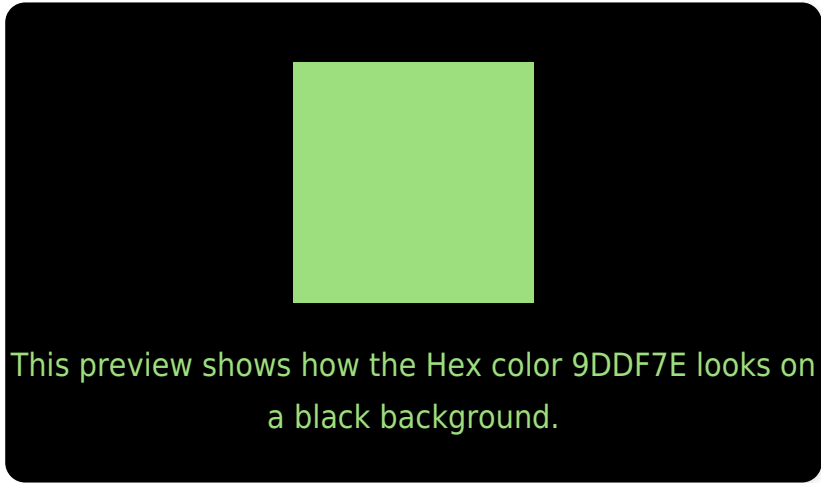
Large Text (above 18pt) WCAG AA × Fail

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

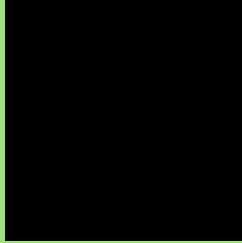
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DDF7E Background



This preview shows how black text looks on a background with the Hex color 9DDF7E.

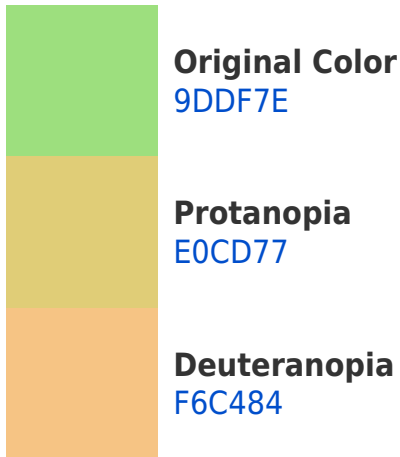


This preview shows how white text looks on a background with the Hex color 9DDF7E.

# 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



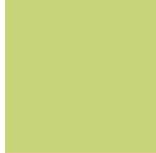


**Tritanopia**  
ADD3E4

# Trichromacy



**Original Color**  
9DDF7E



**Protanomaly**  
C8D47A



**Deuteranomaly**  
D6CE82

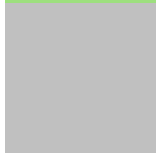


**Tritanomaly**  
A7D7BF

# Monochromacy



**Original Color**  
9DDF7E



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
B3CBA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DDF7E 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 #9DDF7E looks like.

```
.text, #text, p{  
    color:#9DDF7E  
}
```

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 #9DDF7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DDF7E
}
```

## Border

The CSS property to change the border of an element to Hex 9DDF7E 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
#9DDF7E }
```

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

```
.border{ border-color:#9DDF7E }
```

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

Here you see how a box with a 4 pixel #9DDF7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DDF7E; -webkit-box-shadow:4px 4px  
4px 4px #9DDF7E; box-shadow:4px 4px 4px  
4px #9DDF7E }
```

# Background

The CSS property to change the background color of an element to Hex 9DDF7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DDF7E }
```

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

```
.background{ background-color:#9DDF7E }
```

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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