

Converting Colors

Hex(9DDD81)

Have a look what the booklet for
Hex(9DDD81) contains.

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Color

Hex(9DDD81)

Conversions

Conversions Part 1

Format	Color
Hex	9DDD81
RGB	157, 221, 129
RGB Percent	62%, 87%, 51%
CMY	0.3843, 0.1333, 0.4941
CMYK	0.29, 0.00, 0.42, 0.13
HSL	102°, 58%, 69%
HSV	102°, 42%, 87%
XYZ	43.7235, 60.4660, 30.1355
YIQ	191.3760, -8.6120, -42.1800

Conversions

Conversions Part 2

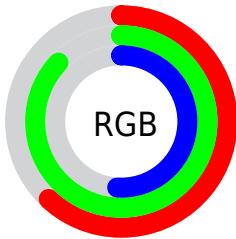
Format	Color
RYB	129, 221, 193
Decimal	10345857
CIELab	82.09, -36.83, 38.78
CIElCh	82, 53.484, 133.517
Yxy	60.4660, 0.3255, 0.4501
Android (android.graphics.Color)	4288535937 (0xFF9DDD81)
YUV	191.3760, -30.7514, -30.1478
Hunter-Lab	77.7599, -35.7112, 31.4543

Details

The Hex color **9DDD81** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C181DD**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **D5FFB7**, and **67A64E** is the 20% darker color. If you saturate the color by 10%, you get **8EDD6B**, and if you desaturate by 10%, it is **ACDD97**.

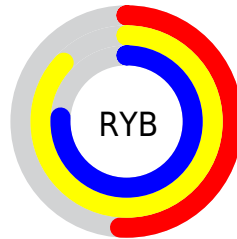
Distribution



Red (62%)

Green (87%)

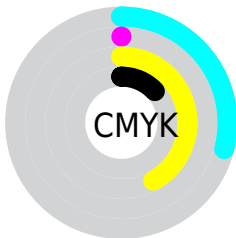
Blue (51%)



Red (51%)

Yellow (87%)

Blue (76%)

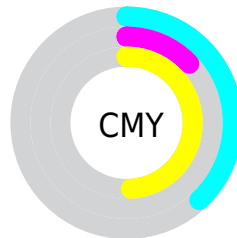


Cyan (29%)

Magenta (0%)

Yellow (42%)

Black (13%)



Cyan (38%)

Magenta (13%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DDD81 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 9DDD81 by changing the saturation by 10% instead.

 9DDD81

 9DDD81

FFFFFF

 82C167


 D5FFB7

 67A64E

 F3FFD3

 4C8B35

 FFFFF0

 31711C

 135800

 004000

 002A00

 000E00

 000000

 9DDD81

 9DDD81

 8EDD6B

 ACDD97

 7EDD55

 BCDDAD

 6FDD3F

 CBDDC3

 60DD29

 DADDD9

 50DD13

 EADDF0

 43DD00

 F9DDFF

 FFDDFF

Harmonies

Analogous

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



D5D167



9DDD81



53E4AE

Triad

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



9DDD81



1ED9FF



FFA3B7

Complementary

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



9DDD81



C181DD

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.



FFA7EA



9DDD81



A4CAFF

Square

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



9DDD81



00E3FF



EEB6FF



FFAE89

Rectangle

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



9DDD81



00E6D1



EEB6FF



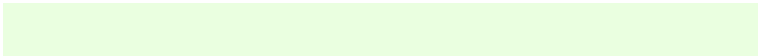
FFA3C8

Sweetspot

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



9DDD81



EAFFE0



DDC081



73806E



000000



808080

Same Dimension

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



9DDD81



A6FF80



81DD92



666E63



35AD00



0E2E00

Inverse Universe

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



C181DD



D880FF



DD81CC



6A636E



7900AD



20002E

Previews

White Background



This preview shows how the Hex color 9DDD81 looks on a white background.

Color Contrast Check

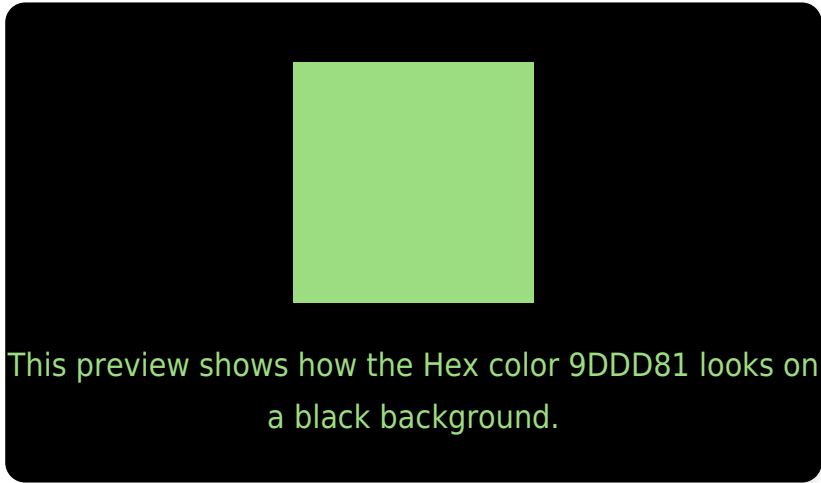
Large Text (above 18pt) WCAG AA × Fail

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 9DDD81 Background



This preview shows how black text looks on a background with the Hex color 9DDD81.

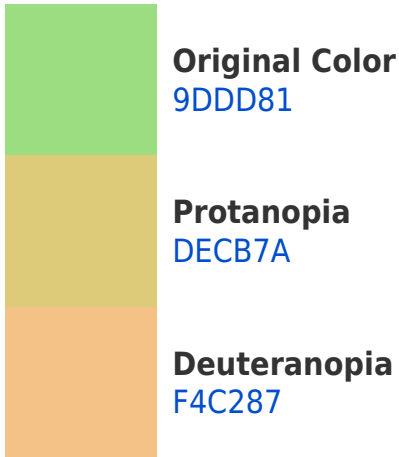


This preview shows how white text looks on a background with the Hex color 9DDD81.

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](#).

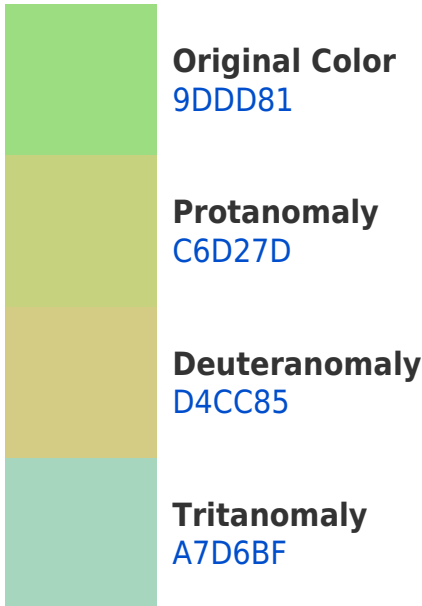
Dichromacy



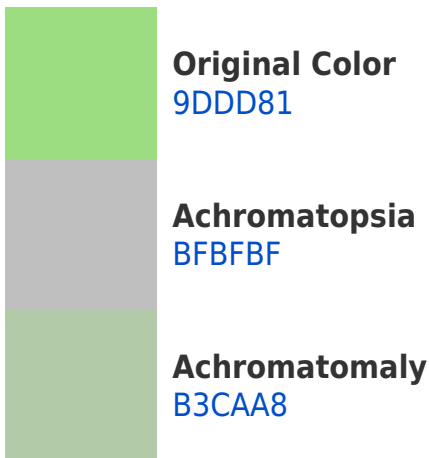


Tritanopia
ADD2E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DDD81 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 #9DDD81 looks like.

```
.text, #text, p{  
    color:#9DDD81  
}
```

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 #9DDD81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DDD81
}
```

Border

The CSS property to change the border of an element to Hex 9DDD81 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
#9DDD81 }
```

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

```
.border{ border-color:#9DDD81 }
```

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

Here you see how a box with a 4 pixel #9DDD81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DDD81; -webkit-box-shadow:4px 4px  
4px 4px #9DDD81; box-shadow:4px 4px 4px  
4px #9DDD81 }
```

Background

The CSS property to change the background color of an element to Hex 9DDD81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DDD81 }
```

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

```
.background{ background-color:#9DDD81 }
```

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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