

Converting Colors

Hex(9DDD77)

Have a look what the booklet for
Hex(9DDD77) contains.

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Color

Hex(9DDD77)

Conversions

Conversions Part 1

Format	Color
Hex	9DDD77
RGB	157, 221, 119
RGB Percent	62%, 87%, 47%
CMY	0.3843, 0.1333, 0.5333
CMYK	0.29, 0.00, 0.46, 0.13
HSL	98°, 60%, 67%
HSV	98°, 46%, 87%
XYZ	43.0909, 60.2129, 26.8039
YIQ	190.2360, -5.4020, -45.2900

Conversions

Conversions Part 2

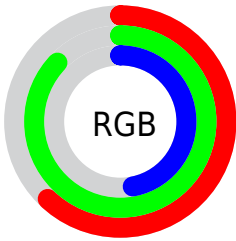
Format	Color
RYB	119, 221, 183
Decimal	10345847
CIELab	81.95, -38.11, 43.54
CIElCh	82, 57.861, 131.193
Yxy	60.2129, 0.3312, 0.4628
Android (android.graphics.Color)	4288535927 (0xFF9DDD77)
YUV	190.2360, -35.1193, -29.1480
Hunter-Lab	77.5970, -36.6708, 33.8377

Details

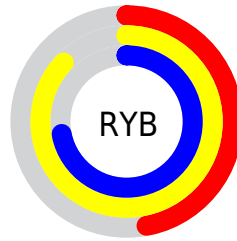
The Hex color **9DDD77** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B777DD**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **D6FFAD**, and **66A544** is the 20% darker color. If you saturate the color by 10%, you get **8FDD61**, and if you desaturate by 10%, it is **ABDD8D**.

Distribution



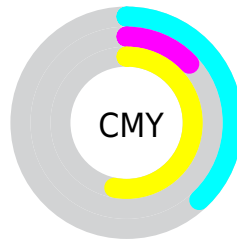
- Red (62%)
- Green (87%)
- Blue (47%)



- Red (47%)
- Yellow (87%)
- Blue (72%)



- Cyan (29%)
- Magenta (0%)
- Yellow (46%)
- Black (13%)



- Cyan (38%)
- Magenta (13%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9DDD77 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 9DDD77 by changing the saturation by 10% instead.

 9DDD77

 9DDD77

FFFFFF

 81C15D

 D6FFAD


 66A544

 F3FFC9

 4C8B2A

 FFFFE5

 30710E

 115800

 004000

 002A00

 000D00

 000000

 9DDD77

 9DDD77

 8FDD61

 ABDD8D

 81DD4B

 B9DDA3

 73DD35

 C7DDB9

 66DD1F

 D4DDCF

 58DD08

 E2DDE6

 52DD00

 F0DDFC

 FEDDFE

 FFDDFF

Harmonies

Analogous

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



D8CF5D



9DDD77



49E5A7

Triad

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



9DDD77



00DBFF



FF9EB9

Complementary

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



9DDD77



B777DD

Split Complementary

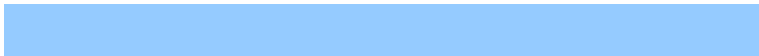
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA3F0



9DDD77



95CBFF

Square

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



9DDD77



00E4FF



EBB6FF



FFA987

Rectangle

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



9DDD77



00E7CC



EBB6FF



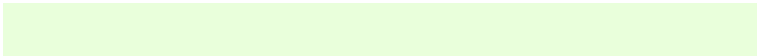
FF9ECC

Sweetspot

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



9DDD77



E9FFDB



DDB677



72806A



000000



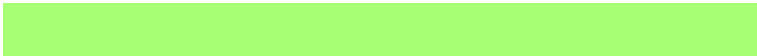
808080

Same Dimension

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



9DDD77



A7FF73



77DD83



676E63



41AD00



112E00

Inverse Universe

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



B777DD



CB73FF



DD77D1



6A636E



6D00AD



1D002E

Previews

White Background



This preview shows how the Hex color 9DDD77 looks on a white background.

Color Contrast Check

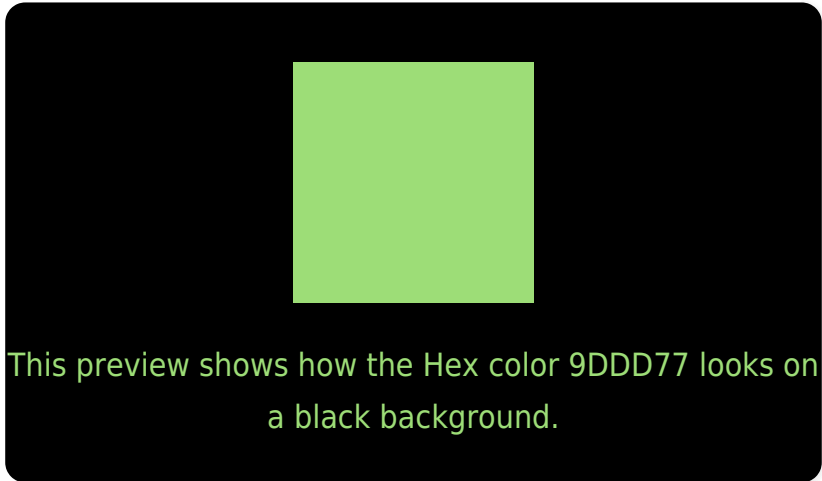
Large Text (above 18pt) WCAG AA × Fail

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 9DDD77 Background



This preview shows how black text looks on a background with the Hex color 9DDD77.

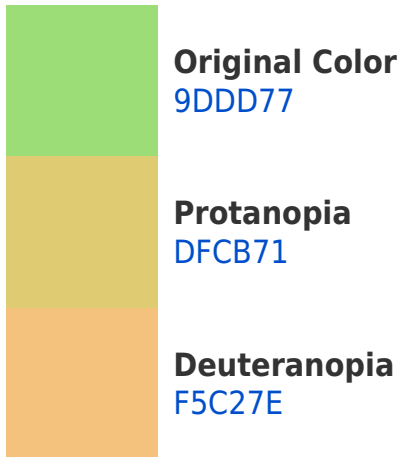


This preview shows how white text looks on a background with the Hex color 9DDD77.

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](#).

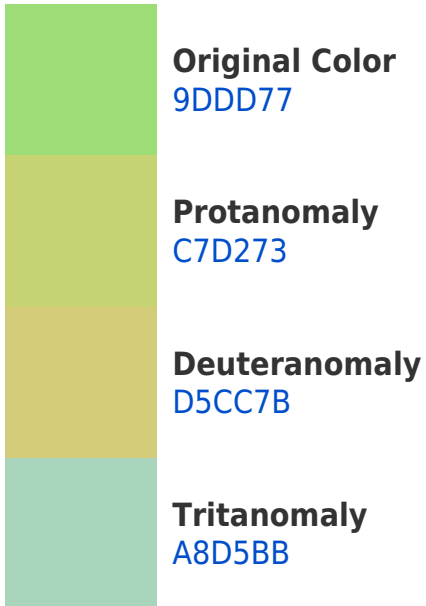
Dichromacy



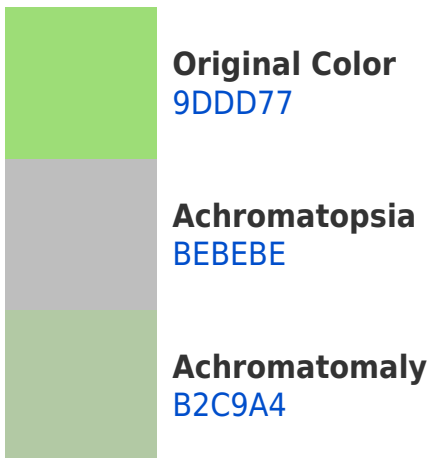


Tritanopia
AED1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DDD77 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 #9DDD77 looks like.

```
.text, #text, p{  
    color:#9DDD77  
}
```

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 #9DDD77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DDD77
}
```

Border

The CSS property to change the border of an element to Hex 9DDD77 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
#9DDD77 }
```

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

```
.border{ border-color:#9DDD77 }
```

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

Here you see how a box with a 4 pixel #9DDD77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DDD77; -webkit-box-shadow:4px 4px  
4px 4px #9DDD77; box-shadow:4px 4px 4px  
4px #9DDD77 }
```

Background

The CSS property to change the background color of an element to Hex 9DDD77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DDD77 }
```

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

```
.background{ background-color:#9DDD77 }
```

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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