

Converting Colors

Hex(9DE487)

Have a look what the booklet for
Hex(9DE487) contains.

Hex(9DE487)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9DE487)

Conversions

Conversions Part 1

Format	Color
Hex	9DE487
RGB	157, 228, 135
RGB Percent	62%, 89%, 53%
CMY	0.3843, 0.1059, 0.4706
CMYK	0.31, 0.00, 0.41, 0.11
HSL	106°, 63%, 71%
HSV	106°, 41%, 89%
XYZ	46.0212, 64.4042, 32.9273
YIQ	196.1690, -12.4630, -43.9750

Conversions

Conversions Part 2

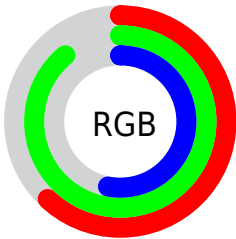
Format	Color
RYB	135, 228, 206
Decimal	10347655
CIELab	84.18, -39.17, 38.47
CIElCh	84, 54.903, 135.513
Yxy	64.4042, 0.3210, 0.4493
Android (android.graphics.Color)	4288537735 (0xFF9DE487)
YUV	196.1690, -30.1563, -34.3512
Hunter-Lab	80.2522, -38.0793, 31.8500

Details

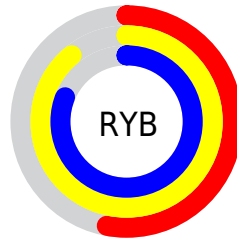
The Hex color **9DE487** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **CE87E4**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D6FFBD**, and **66AC54** is the 20% darker color. If you saturate the color by 10%, you get **8CE470**, and if you desaturate by 10%, it is **AEE49E**.

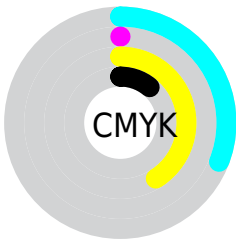
Distribution



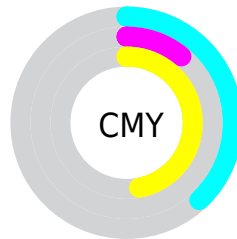
- Red (62%)
- Green (89%)
- Blue (53%)



- Red (53%)
- Yellow (89%)
- Blue (81%)



- Cyan (31%)
- Magenta (0%)
- Yellow (41%)
- Black (11%)



- Cyan (38%)
- Magenta (11%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9DE487 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 9DE487 by changing the saturation by 10% instead.

 9DE487

 9DE487

FFFFFF

 81C86D

 D6FFBD

 66AC54

 F3FFD9

 4C913B

 FFFFF6

 307722

 0F5E06

 004500

 002E00

 001700

 000000

 9DE487

 9DE487

 8CE470

 AEE49E

 7AE459

 C0E4B5

 69E443

 D1E4CB

 57E42C

 E3E4E2

 46E415

 F4E4F9

 36E400

 FFE4FF

Harmonies

Analogous

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



D7D86B



9DE487



4DEBB6

Triad

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



9DE487



2FDFFF



FFA8B9

Complementary

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



9DE487



CE87E4

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.



FFAAED



9DE487



AECEFF

Square

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



9DE487



00E9FF



F9BAFF



FFB48A

Rectangle

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



9DE487



00EDDA



F9BAFF



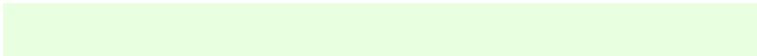
FFA7CA

Sweetspot

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



9DE487



E8FFE0



E4CD87



72806E



000000



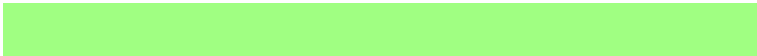
808080

Same Dimension

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



9DE487



A0FF82



87E49E



6A7367



2AB300



0C3300

Inverse Universe

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



CE87E4



E182FF



E487CD



706773



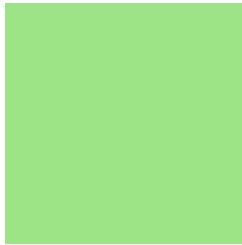
8800B3



270033

Previews

White Background



This preview shows how the Hex color 9DE487 looks on a white background.

Color Contrast Check

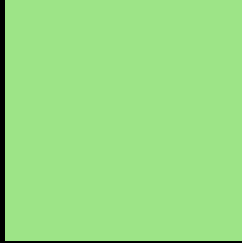
Large Text (above 18pt) WCAG AA × Fail

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 9DE487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

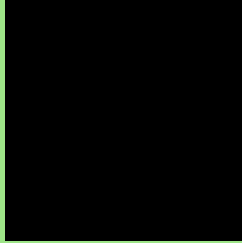
Any Text WCAG AA ✓ Pass

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 9DE487 Background



This preview shows how black text looks on a background with the Hex color 9DE487.

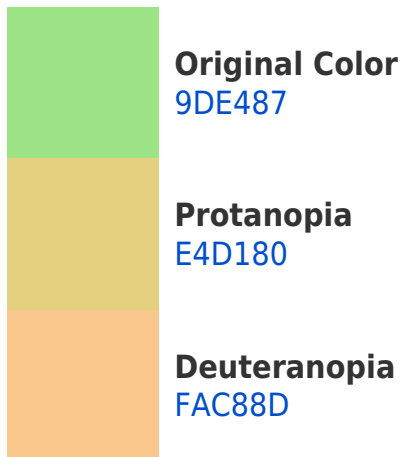


This preview shows how white text looks on a background with the Hex color 9DE487.

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](#).

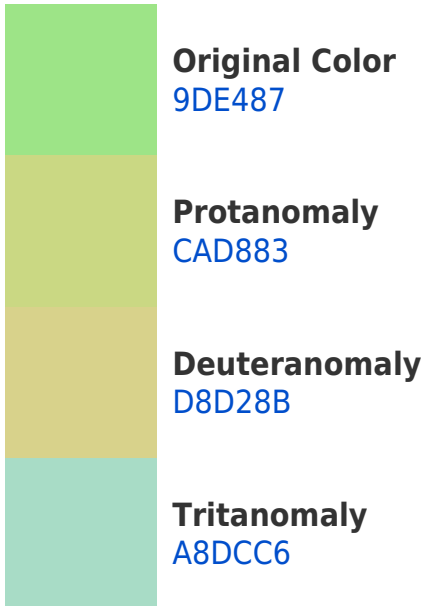
Dichromacy



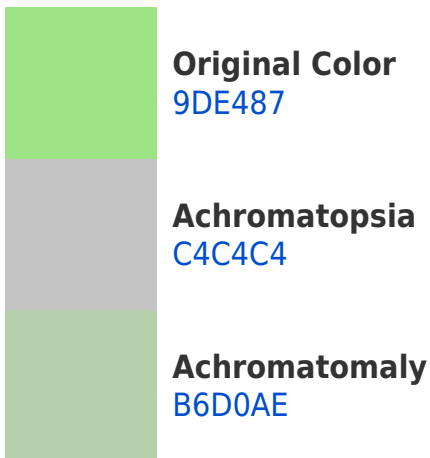


Tritanopia
AED8EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DE487 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 #9DE487 looks like.

```
.text, #text, p{  
    color:#9DE487  
}
```

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 #9DE487 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DE487
}
```

Border

The CSS property to change the border of an element to Hex 9DE487 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
#9DE487 }
```

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

```
.border{ border-color:#9DE487 }
```

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

Here you see how a box with a 4 pixel #9DE487 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DE487; -webkit-box-shadow:4px 4px  
4px 4px #9DE487; box-shadow:4px 4px 4px  
4px #9DE487 }
```

Background

The CSS property to change the background color of an element to Hex 9DE487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DE487 }
```

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

```
.background{ background-color:#9DE487 }
```

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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