

Converting Colors

Hex(9EDD83)

Have a look what the booklet for
Hex(9EDD83) contains.

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Color

Hex(9EDD83)

Conversions

Conversions Part 1

Format	Color
Hex	9EDD83
RGB	158, 221, 131
RGB Percent	62%, 87%, 51%
CMY	0.3804, 0.1333, 0.4863
CMYK	0.29, 0.00, 0.41, 0.13
HSL	102°, 57%, 69%
HSV	102°, 41%, 87%
XYZ	44.0537, 60.6207, 30.8518
YIQ	191.9030, -8.6580, -41.3460

Conversions

Conversions Part 2

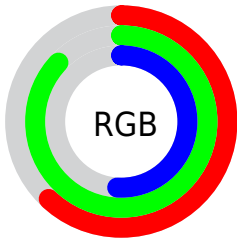
Format	Color
RYB	131, 221, 194
Decimal	10411395
CIELab	82.17, -36.22, 37.90
CIElCh	82, 52.426, 133.697
Yxy	60.6207, 0.3251, 0.4473
Android (android.graphics.Color)	4288601475 (0xFF9EDD83)
YUV	191.9030, -30.0252, -29.7329
Hunter-Lab	77.8593, -35.2563, 31.0078

Details

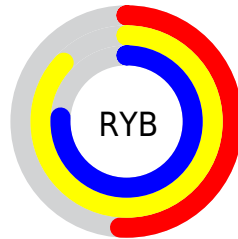
The Hex color **9EDD83** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C283DD**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **D6FFB9**, and **68A650** is the 20% darker color. If you saturate the color by 10%, you get **8FDD6D**, and if you desaturate by 10%, it is **ADDD99**.

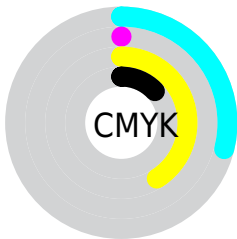
Distribution



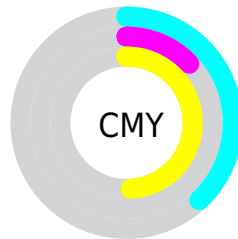
- Red (62%)
- Green (87%)
- Blue (51%)



- Red (51%)
- Yellow (87%)
- Blue (76%)



- Cyan (29%)
- Magenta (0%)
- Yellow (41%)
- Black (13%)



- Cyan (38%)
- Magenta (13%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EDD83 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 9EDD83 by changing the saturation by 10% instead.

 9EDD83

 9EDD83

FFFFFF

 83C169

 D6FFB9

 68A650

 F3FFD5

 4D8B37

 FFFFF2

 33711F

 165803

 004000

 002A00

 000E00

 000000

 9EDD83

 9EDD83

 8FDD6D

 ADDD99

 7FDD57

 BDDDAF

 70DD41

 CCDDC5

 60DD2B

 DCDDDB

 51DD15

 EBDDF2

 42DD00

 FBDDFF

 FFDDFF

Harmonies

Analogous

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



D5D16A



9EDD83



57E4AF

Triad

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



9EDD83



2FD9FF



FFA5B8

Complementary

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



9EDD83



C283DD

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.



FFA8E9



9EDD83



A6CAFF

Square

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



9EDD83



00E3FF



EEB7FF



FFAF8B

Rectangle

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



9EDD83



00E6D1



EEB7FF



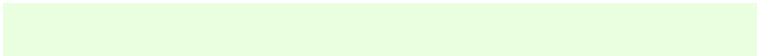
FFA4C8

Sweetspot

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



9EDD83



EAFFE0



DDC283



73806E



000000



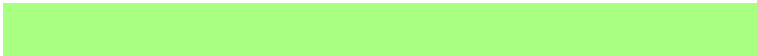
808080

Same Dimension

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



9EDD83



A8FF82



83DD95



666E63



34AD00



0E2E00

Inverse Universe

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



C283DD



DA82FF



DD83CB



6A636E



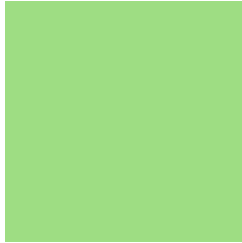
7900AD



20002E

Previews

White Background



This preview shows how the Hex color 9EDD83 looks on a white background.

Color Contrast Check

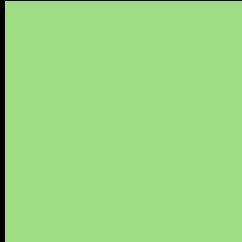
Large Text (above 18pt) WCAG AA × Fail

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 9EDD83 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 9EDD83 Background



This preview shows how black text looks on a background with the Hex color 9EDD83.

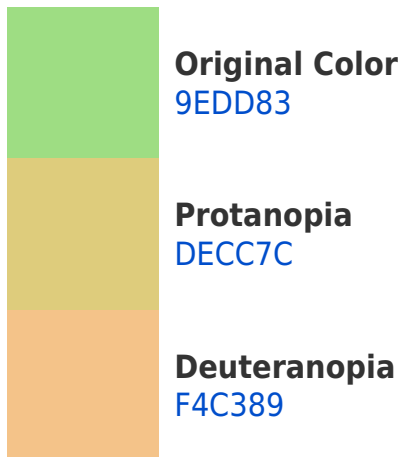


This preview shows how white text looks on a background with the Hex color 9EDD83.

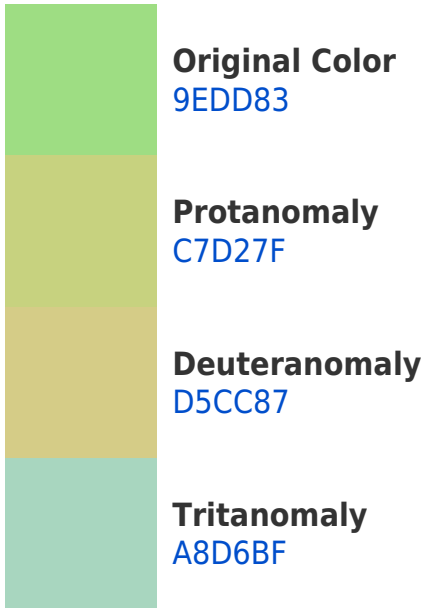
Color Blindness Simulation

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](#).

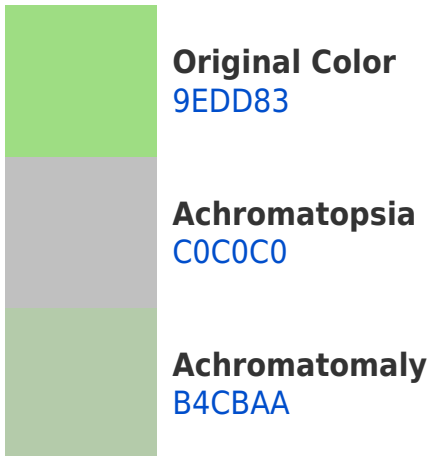
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EDD83 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 #9EDD83 looks like.

```
.text, #text, p{  
    color:#9EDD83  
}
```

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 #9EDD83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EDD83
}
```

Border

The CSS property to change the border of an element to Hex 9EDD83 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
#9EDD83 }
```

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

```
.border{ border-color:#9EDD83 }
```

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

Here you see how a box with a 4 pixel #9EDD83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EDD83; -webkit-box-shadow:4px 4px  
4px 4px #9EDD83; box-shadow:4px 4px 4px  
4px #9EDD83 }
```

Background

The CSS property to change the background color of an element to Hex 9EDD83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EDD83 }
```

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

```
.background{ background-color:#9EDD83 }
```

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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