

Converting Colors

Hex(9EE383)

Have a look what the booklet for
Hex(9EE383) contains.

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Color

Hex(9EE383)

Conversions

Conversions Part 1

Format	Color
Hex	9EE383
RGB	158, 227, 131
RGB Percent	62%, 89%, 51%
CMY	0.3804, 0.1098, 0.4863
CMYK	0.30, 0.00, 0.42, 0.11
HSL	103°, 63%, 70%
HSV	103°, 42%, 89%
XYZ	45.6664, 63.8460, 31.3894
YIQ	195.4250, -10.3080, -44.4840

Conversions

Conversions Part 2

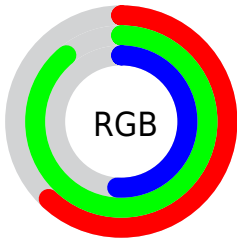
Format	Color
RYB	131, 227, 200
Decimal	10412931
CIELab	83.89, -38.93, 40.10
CIElCh	84, 55.885, 134.154
Yxy	63.8460, 0.3241, 0.4531
Android (android.graphics.Color)	4288603011 (0xFF9EE383)
YUV	195.4250, -31.7615, -32.8217
Hunter-Lab	79.9037, -37.8155, 32.6411

Details

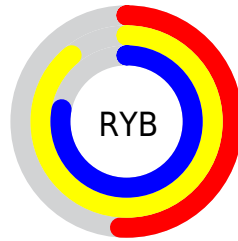
The Hex color **9EE383** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C883E3**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D7FFB9**, and **67AB50** is the 20% darker color. If you saturate the color by 10%, you get **8EE36C**, and if you desaturate by 10%, it is **AEE39A**.

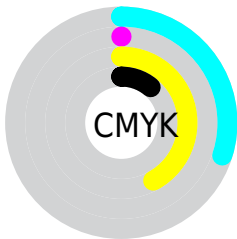
Distribution



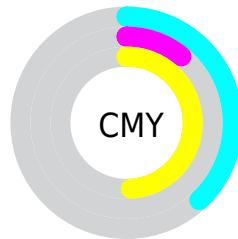
- Red (62%)
- Green (89%)
- Blue (51%)



- Red (51%)
- Yellow (89%)
- Blue (78%)



- Cyan (30%)
- Magenta (0%)
- Yellow (42%)
- Black (11%)



- Cyan (38%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EE383 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 9EE383 by changing the saturation by 10% instead.

 9EE383

 9EE383

FFFFFF

 82C769


 D7FFB9


 67AB50

 F4FFD5

 4D9037

 FFFFF2

 31761D

 115D00

 004500

 002E00

 001600

 000000

 9EE383

 9EE383

 8EE36C

 AEE39A

 7DE356

 BFE3B0

 6DE33F

 CFE3C7

 5DE328

 DFE3DE

 4CE311

 F0E3F5

 40E300

 FFE3FF

Harmonies

Analogous

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



D9D667



9EE383



4DEAB3

Triad

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



9EE383



01DFFF



FFA6BA

Complementary

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



9EE383



C883E3

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.



FFA9EF



9EE383



A8CEFF

Square

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



9EE383



00E9FF



F6BAFF



FFB28A

Rectangle

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



9EE383



00ECD7



F6BAFF



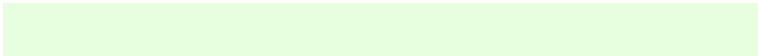
FFA5CC

Sweetspot

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



9EE383



E7FFDE



E3C883



71806B



000000



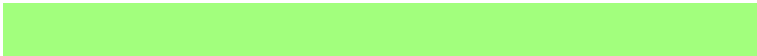
808080

Same Dimension

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



9EE383



A2FF7D



83E398



6B7367



32B300



0E3300

Inverse Universe

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



C883E3



DA7DFF



E383CE



706773



8000B3



250033

Previews

White Background



This preview shows how the Hex color 9EE383 looks on a white background.

Color Contrast Check

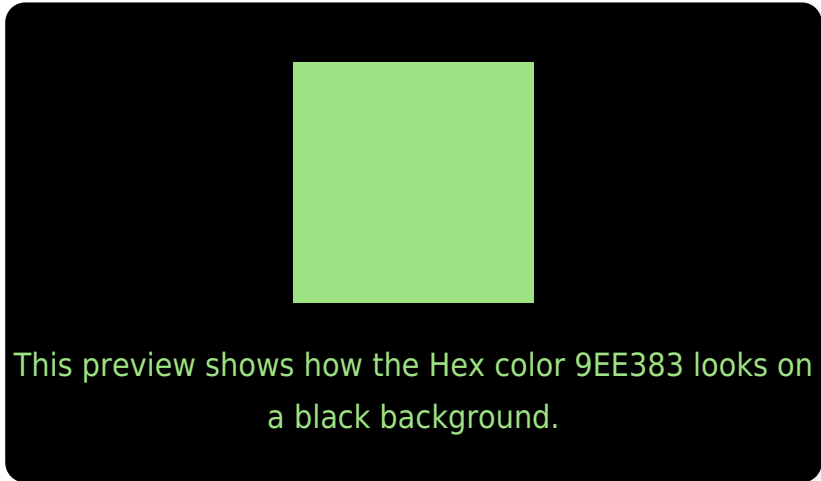
Large Text (above 18pt) WCAG AA × Fail

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 9EE383 Background



This preview shows how black text looks on a background with the Hex color 9EE383.

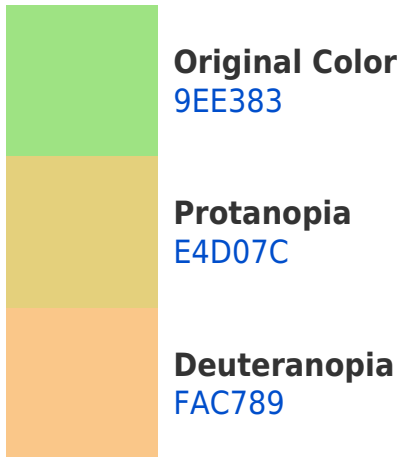


This preview shows how white text looks on a background with the Hex color 9EE383.

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
AFD7E8

Trichromacy



Original Color
9EE383



Protanomaly
CBD77F



Deuteranomaly
D9D187



Tritanomaly
A9DBC3

Monochromacy



Original Color
9EE383



Achromatopsia
C3C3C3



Achromatomaly
B6CFAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EE383 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 #9EE383 looks like.

```
.text, #text, p{  
    color:#9EE383  
}
```

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 #9EE383 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EE383  
}
```

Border

The CSS property to change the border of an element to Hex 9EE383 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  
#9EE383 }
```

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

```
.border{ border-color:#9EE383 }
```

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

Here you see how a box with a 4 pixel #9EE383 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EE383; -webkit-box-shadow:4px 4px  
4px 4px #9EE383; box-shadow:4px 4px 4px  
4px #9EE383 }
```

Background

The CSS property to change the background color of an element to Hex 9EE383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EE383 }
```

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

```
.background{ background-color:#9EE383 }
```

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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