

Converting Colors

Hex(9EE385)

Have a look what the booklet for
Hex(9EE385) contains.

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Color

Hex(9EE385)

Conversions

Conversions Part 1

Format	Color
Hex	9EE385
RGB	158, 227, 133
RGB Percent	62%, 89%, 52%
CMY	0.3804, 0.1098, 0.4784
CMYK	0.30, 0.00, 0.41, 0.11
HSL	104°, 63%, 71%
HSV	104°, 41%, 89%
XYZ	45.8033, 63.9007, 32.1103
YIQ	195.6530, -10.9500, -43.8620

Conversions

Conversions Part 2

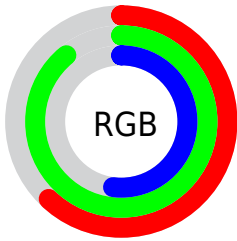
Format	Color
RYB	133, 227, 202
Decimal	10412933
CIELab	83.91, -38.66, 39.14
CIElCh	84, 55.015, 134.646
Yxy	63.9007, 0.3230, 0.4506
Android (android.graphics.Color)	4288603013 (0xFF9EE385)
YUV	195.6530, -30.8879, -33.0217
Hunter-Lab	79.9379, -37.6135, 32.1403

Details

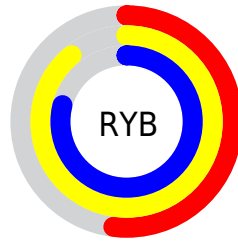
The Hex color **9EE385** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **CA85E3**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D7FFBB**, and **67AB52** is the 20% darker color. If you saturate the color by 10%, you get **8DE36E**, and if you desaturate by 10%, it is **AFE39C**.

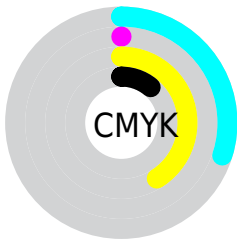
Distribution



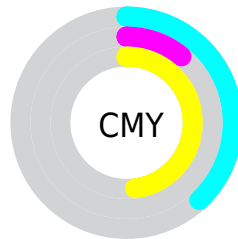
- Red (62%)
- Green (89%)
- Blue (52%)



- Red (52%)
- Yellow (89%)
- Blue (79%)



- Cyan (30%)
- Magenta (0%)
- Yellow (41%)
- Black (11%)



- Cyan (38%)
- Magenta (11%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EE385 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 9EE385 by changing the saturation by 10% instead.

 9EE385

 9EE385

FFFFFF

 82C76B

 D7FFBB

 67AB52

 F4FFD7

 4D9039

 FFFFF4

 317620

 125D03

 004500

 002E00

 001600

 000000

 9EE385

 9EE385

 8DE36E

 AFE39C

 7DE358

 BFE3B2

 6CE341

 D0E3C9

 5BE32A

 E1E3E0

 4BE313

 F1E3F7

 3CE300

 FFE3FF

Harmonies

Analogous

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



D8D66A



9EE385



4FEAB4

Triad

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



9EE385



23DEFF



FFA7BA

Complementary

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



9EE385



CA85E3

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.



FFAAEE



9EE385



ABCEFF

Square

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



9EE385



00E8FF



F6BAFF



FFB38B

Rectangle

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



9EE385



00ECD8



F6BAFF



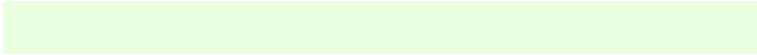
FFA6CB

Sweetspot

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



9EE385



E9FFE0



E3CA85



72806E



000000



808080

Same Dimension

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



9EE385



A1FF80



85E39B



6A7367



2FB300



0E3300

Inverse Universe

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



CA85E3



DD80FF



E385CD



706773



8300B3



250033

Previews

White Background



This preview shows how the Hex color 9EE385 looks on a white background.

Color Contrast Check

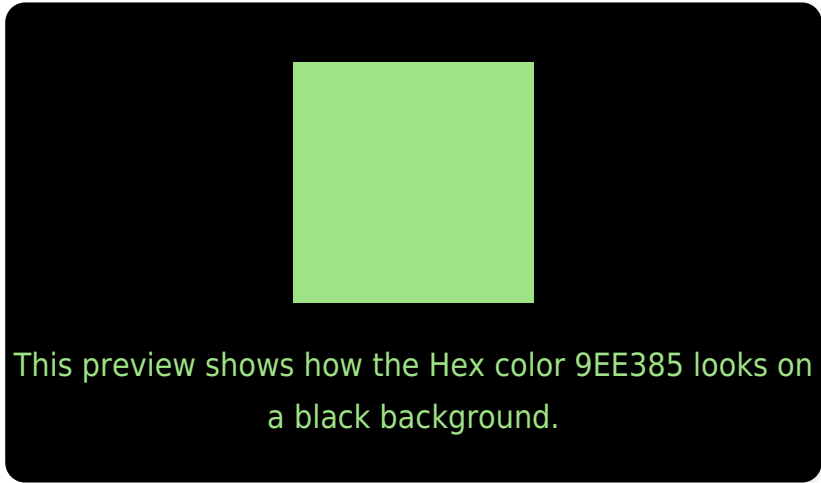
Large Text (above 18pt) WCAG AA × Fail

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

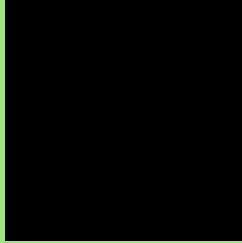
Any Text WCAG AA ✓ Pass

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 9EE385 Background



This preview shows how black text looks on a background with the Hex color 9EE385.

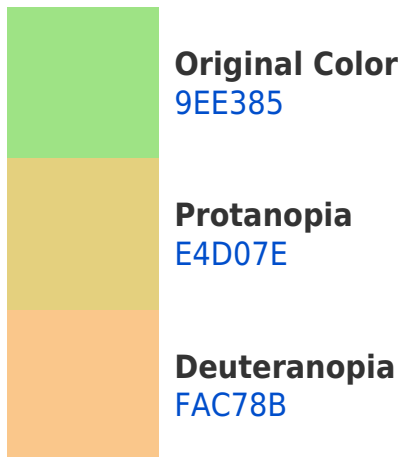


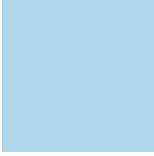
This preview shows how white text looks on a background with the Hex color 9EE385.

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
AFD7E9

Trichromacy



Original Color
9EE385



Protanomaly
CBD781



Deuteranomaly
D9D189

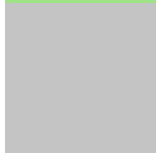


Tritanomaly
A9DBC5

Monochromacy



Original Color
9EE385



Achromatopsia
C4C4C4



Achromatomaly
B6CFAD

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EE385 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 #9EE385 looks like.

```
.text, #text, p{  
    color:#9EE385  
}
```

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 #9EE385 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EE385
}
```

Border

The CSS property to change the border of an element to Hex 9EE385 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
#9EE385 }
```

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

```
.border{ border-color:#9EE385 }
```

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

Here you see how a box with a 4 pixel #9EE385 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EE385; -webkit-box-shadow:4px 4px  
4px 4px #9EE385; box-shadow:4px 4px 4px  
4px #9EE385 }
```

Background

The CSS property to change the background color of an element to Hex 9EE385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EE385 }
```

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

```
.background{ background-color:#9EE385 }
```

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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