

Converting Colors

Hex(9DEE68)

Have a look what the booklet for
Hex(9DEE68) contains.

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Color

Hex(9DEE68)

Conversions

Conversions Part 1

Format	Color
Hex	9DEE68
RGB	157, 238, 104
RGB Percent	62%, 93%, 41%
CMY	0.3843, 0.0667, 0.5922
CMYK	0.34, 0.00, 0.56, 0.07
HSL	96°, 80%, 67%
HSV	96°, 56%, 93%
XYZ	46.9779, 69.3166, 24.0002
YIQ	198.5050, -5.2620, -58.8460

Conversions

Conversions Part 2

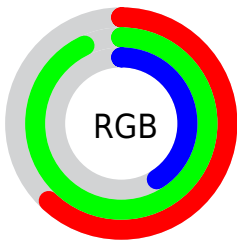
Format	Color
RYB	104, 238, 185
Decimal	10350184
CIELab	86.66, -47.18, 56.19
CIELCh	87, 73.367, 130.018
Yxy	69.3166, 0.3349, 0.4941
Android (android.graphics.Color)	4288540264 (0xFF9DEE68)
YUV	198.5050, -46.5910, -36.3999
Hunter-Lab	83.2566, -44.9798, 41.1883

Details

The Hex color **9DEE68** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **B968EE**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D7FF9F**, and **64B531** is the 20% darker color. If you saturate the color by 10%, you get **8FEE50**, and if you desaturate by 10%, it is **ABEE80**.

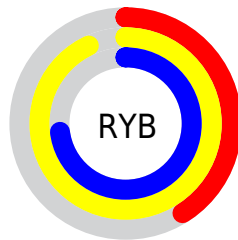
Distribution



Red (62%)

Green (93%)

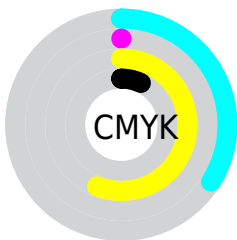
Blue (41%)



Red (41%)

Yellow (93%)

Blue (73%)

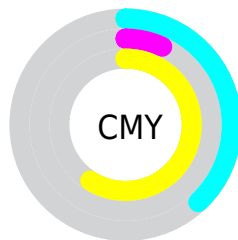


Cyan (34%)

Magenta (0%)

Yellow (56%)

Black (7%)



Cyan (38%)

Magenta (7%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DEE68 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 9DEE68 by changing the saturation by 10% instead.

 9DEE68

FFFFFF

 D7FF9F

 F5FFBB

 FFFFD7

 FFFFF4

 9DEE68

 81D14D

 64B531

 479A10

 288000

 006600

 004D00

 003500

 001F00

 000000

 9DEE68

 9DEE68

 8FEE50

 ABEE80

 80EE38

 BAEE98

 72EE21

 C8EEAF

 63EE09

 D7EEC7

 5EEE00

 E5EEDF

 F3EEF7

 FFEEFF

Harmonies

Analogous

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



E9DD44



9DEE68



00F8A7

Triad

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



9DEE68



00EDFF



FF99C4

Complementary

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



9DEE68



B968EE

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.



FFA2FF



9DEE68



7ED9FF

Square

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



9DEE68



00F8FF



FBBDFE



FFA983

Rectangle

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



9DEE68



00FBD7



FBBDFE



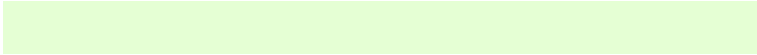
FF99DC

Sweetspot

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



9DEE68



E5FFD4



EEB868



708066



000000



808080

Same Dimension

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



9DEE68



96FF52



68EE75



71786C



49B800



163800

Inverse Universe

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



B968EE



BA52FF



EE68E1



736C78



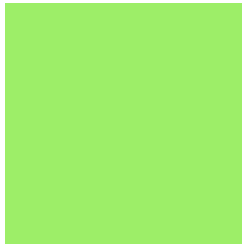
6F00B8



220038

Previews

White Background



This preview shows how the Hex color 9DEE68 looks on a white background.

Color Contrast Check

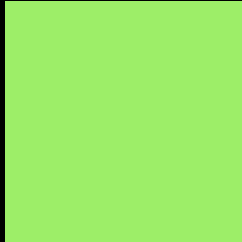
Large Text (above 18pt) WCAG AA × Fail

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 9DEE68 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

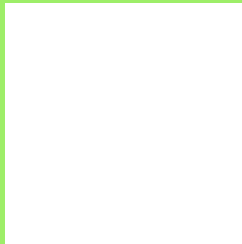
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9DEE68 Background



This preview shows how black text looks on a background with the Hex color 9DEE68.

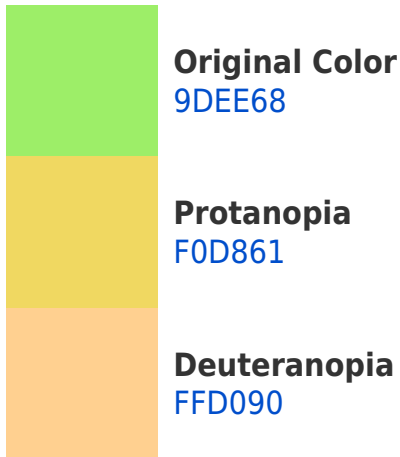


This preview shows how white text looks on a background with the Hex color 9DEE68.

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
B2E0F1

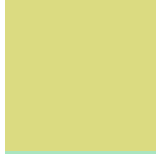
Trichromacy



Original Color
9DEE68



Protanomaly
D2E064



Deuteranomaly
DBDB81

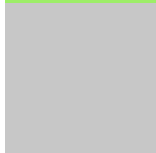


Tritanomaly
AAE5BF

Monochromacy



Original Color
9DEE68



Achromatopsia
C7C7C7



Achromatomaly
B8D5A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DEE68 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 #9DEE68 looks like.

```
.text, #text, p{  
    color:#9DEE68  
}
```

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 #9DEE68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DEE68
}
```

Border

The CSS property to change the border of an element to Hex 9DEE68 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
#9DEE68 }
```

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

```
.border{ border-color:#9DEE68 }
```

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

Here you see how a box with a 4 pixel #9DEE68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DEE68; -webkit-box-shadow:4px 4px  
4px 4px #9DEE68; box-shadow:4px 4px 4px  
4px #9DEE68 }
```

Background

The CSS property to change the background color of an element to Hex 9DEE68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DEE68 }
```

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

```
.background{ background-color:#9DEE68 }
```

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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