

Converting Colors

Hex(9EF888)

Have a look what the booklet for
Hex(9EF888) contains.

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Color

Hex(9EF888)

Conversions

Conversions Part 1

Format	Color
Hex	9EF888
RGB	158, 248, 136
RGB Percent	62%, 97%, 53%
CMY	0.3804, 0.0275, 0.4667
CMYK	0.36, 0.00, 0.45, 0.03
HSL	108°, 89%, 75%
HSV	108°, 45%, 97%
XYZ	52.1119, 76.1815, 35.2505
YIQ	208.3220, -17.6880, -53.9120

Conversions

Conversions Part 2

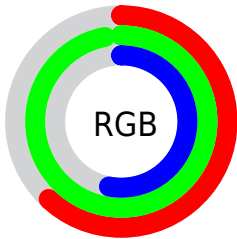
Format	Color
RYB	136, 248, 226
Decimal	10418312
CIELab	89.94, -47.42, 45.33
CIELCh	90, 65.603, 136.291
Yxy	76.1815, 0.3186, 0.4658
Android (android.graphics.Color)	4288608392 (0xFF9EF888)
YUV	208.3220, -35.6547, -44.1324
Hunter-Lab	87.2820, -46.1697, 37.1520

Details

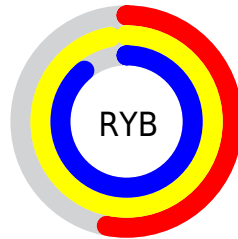
The Hex color **9EF888** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E288F8**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **D8FFBF**, and **66BF54** is the 20% darker color. If you saturate the color by 10%, you get **8AF86F**, and if you desaturate by 10%, it is **B2F8A1**.

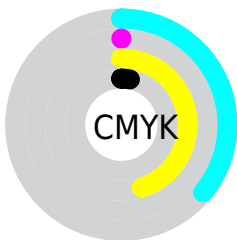
Distribution



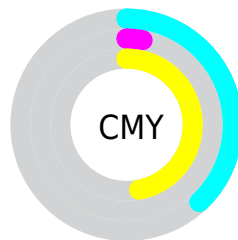
- Red (62%)
- Green (97%)
- Blue (53%)



- Red (53%)
- Yellow (97%)
- Blue (89%)



- Cyan (36%)
- Magenta (0%)
- Yellow (45%)
- Black (3%)



- Cyan (38%)
- Magenta (3%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EF888 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 9EF888 by changing the saturation by 10% instead.

 9EF888

FFFFFF

 D8FFBF

 F5FFDB

 FFFFF8

 9EF888

 82DB6E

 66BF54

 49A33A

 2A8920

 006F00

 005500

 003D00

 002800

 000000

 9EF888

 9EF888

 8AF86F

 B2F8A1

 76F856

 C6F8BA

 62F83E

 DAF8D2

 4EF825

 EEF8EB

 3AF80C

 FFF8FF

 31F800

Harmonies

Analogous

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



E5E964



9EF888



14FFC2

Triad

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



9EF888



00F1FF



FFADC2

Complementary

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



9EF888



E288F8

Split Complementary

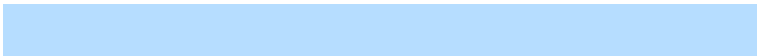
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB0FF



9EF888



B6DDFF

Square

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



9EF888



00DFF



FFC4FF



FFBD8A

Rectangle

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



9EF888



00FFEE



FFC4FF



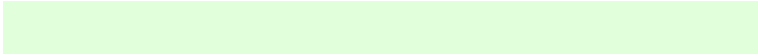
FFACD7

Sweetspot

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



9EF888



E2FFDB



F8E288



6E806A



000000



808080

Same Dimension

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



9EF888



90FF75



88F8AA



737D70



25BD00



0C3D00

Inverse Universe

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



E288F8



E475FF



F888D6



7A707D



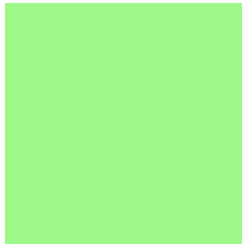
9800BD



31003D

Previews

White Background



This preview shows how the Hex color 9EF888 looks on a white background.

Color Contrast Check

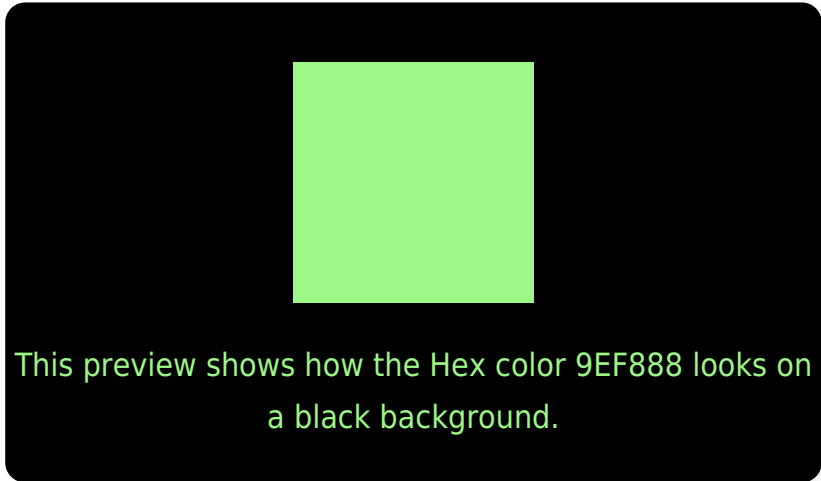
Large Text (above 18pt) WCAG AA × Fail

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

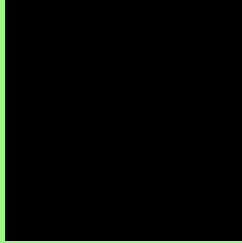
Any Text WCAG AA ✓ Pass

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 9EF888 Background



This preview shows how black text looks on a background with the Hex color 9EF888.

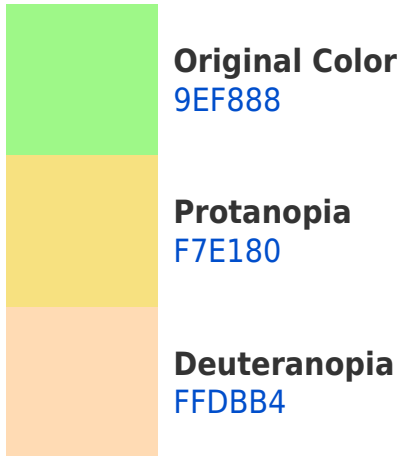


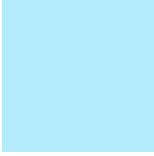
This preview shows how white text looks on a background with the Hex color 9EF888.

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



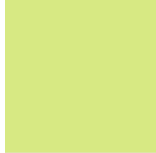


Tritanopia
B3EBFD

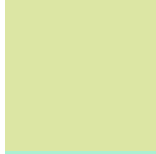
Trichromacy



Original Color
9EF888



Protanomaly
D7E983

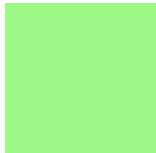


Deuteranomaly
DCE6A4

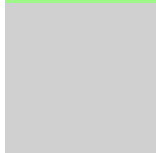


Tritanomaly
ABF0D2

Monochromacy



Original Color
9EF888



Achromatopsia
D0D0D0



Achromatomaly
BEDFB6

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EF888 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 #9EF888 looks like.

```
.text, #text, p{  
    color:#9EF888  
}
```

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 #9EF888 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EF888  
}
```

Border

The CSS property to change the border of an element to Hex 9EF888 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  
#9EF888 }
```

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

```
.border{ border-color:#9EF888 }
```

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

Here you see how a box with a 4 pixel #9EF888 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EF888; -webkit-box-shadow:4px 4px  
4px 4px #9EF888; box-shadow:4px 4px 4px  
4px #9EF888 }
```

Background

The CSS property to change the background color of an element to Hex 9EF888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EF888 }
```

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

```
.background{ background-color:#9EF888 }
```

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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