

Converting Colors

Hex(9EF28A)

Have a look what the booklet for
Hex(9EF28A) contains.

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Color

Hex(9EF28A)

Conversions

Conversions Part 1

Format	Color
Hex	9EF28A
RGB	158, 242, 138
RGB Percent	62%, 95%, 54%
CMY	0.3804, 0.0510, 0.4588
CMYK	0.35, 0.00, 0.43, 0.05
HSL	108°, 80%, 75%
HSV	108°, 43%, 95%
XYZ	50.4401, 72.6083, 35.4011
YIQ	205.0280, -16.6800, -50.1520

Conversions

Conversions Part 2

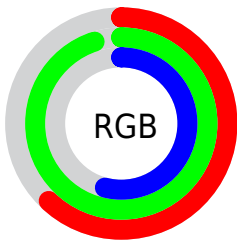
Format	Color
RYB	138, 242, 222
Decimal	10416778
CIELab	88.26, -44.59, 42.23
CIELCh	88, 61.417, 136.555
Yxy	72.6083, 0.3183, 0.4582
Android (android.graphics.Color)	4288606858 (0xFF9EF28A)
YUV	205.0280, -33.0448, -41.2436
Hunter-Lab	85.2105, -43.4559, 35.0151

Details

The Hex color **9EF28A** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **DE8AF2**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **D7FFC1**, and **66B956** is the 20% darker color. If you saturate the color by 10%, you get **8AF272**, and if you desaturate by 10%, it is **B2F2A2**.

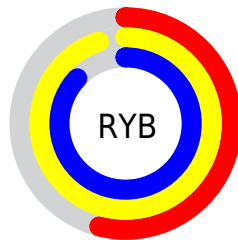
Distribution



Red (62%)

Green (95%)

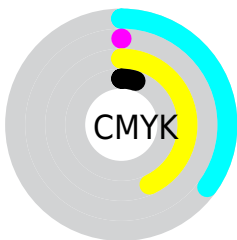
Blue (54%)



Red (54%)

Yellow (95%)

Blue (87%)

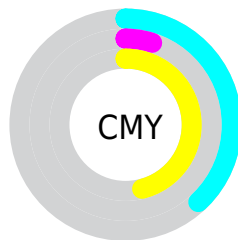


Cyan (35%)

Magenta (0%)

Yellow (43%)

Black (5%)



Cyan (38%)

Magenta (5%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EF28A 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 9EF28A by changing the saturation by 10% instead.

 9EF28A

 9EF28A

FFFFFF

 82D570

 D7FFC1

 66B956

 F5FFDD

 4A9E3D

 FFFFAA

 2D8323

 026A05

 005100

 003900

 002300

 000000

 9EF28A

 9EF28A

 8AF272

 B2F2A2

 77F25A

 C5F2BA

 63F241

 D9F2D3

 50F229

 ECF2EB

 3CF211

 FFF2FF

 2FF200

Harmonies

Analogous

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



E0E469



9EF28A



34FAC0

Triad

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



9EF28A



00EBFF



FFADB5

Complementary

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



9EF28A



DE8AF2

Split Complementary

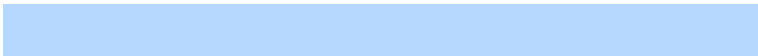
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFAFFA



9EF28A



B6D8FF

Square

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



9EF28A



00F7FF



FFC1FF



FFBC8B

Rectangle

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



9EF28A



00FBE9



FFC1FF



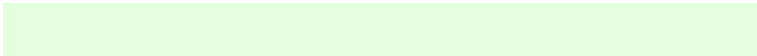
FFACD3

Sweetspot

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



9EF28A



E4FFDE



F2DD8A



6F806B



000000



808080

Same Dimension

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



9EF28A



94FF7A



8AF2A9



6E786C



23B800



0B3800

Inverse Universe

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



DE8AF2



E57AFF



F28AD3



766C78



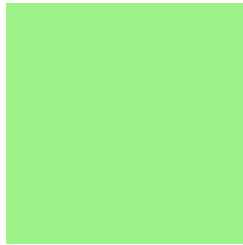
9400B8



2D0038

Previews

White Background



This preview shows how the Hex color 9EF28A looks on a white background.

Color Contrast Check

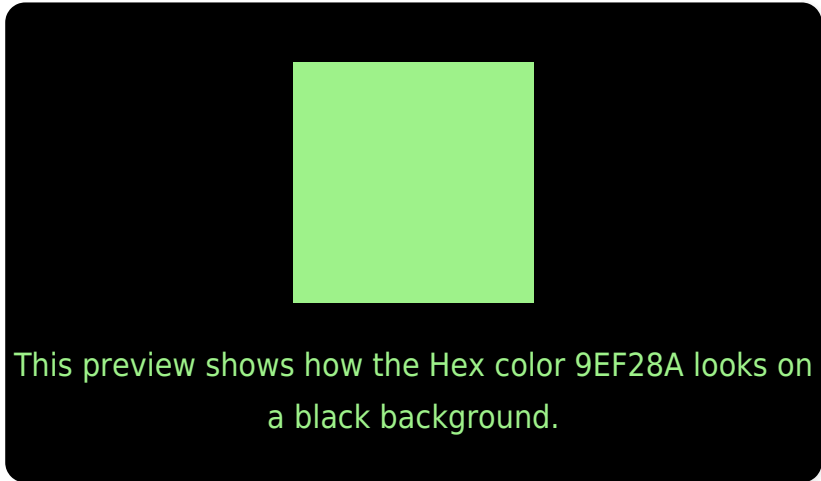
Large Text (above 18pt) WCAG AA × Fail

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

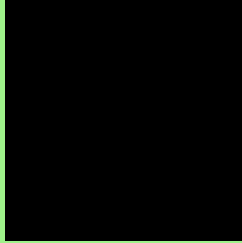
Any Text WCAG AA ✓ Pass

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 9EF28A Background



This preview shows how black text looks on a background with the Hex color 9EF28A.

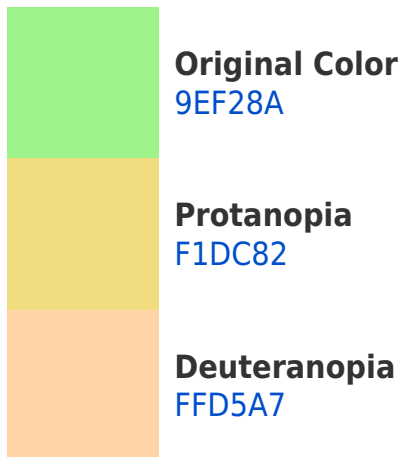


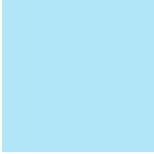
This preview shows how white text looks on a background with the Hex color 9EF28A.

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



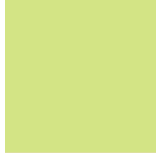


Tritanopia
B1E5F8

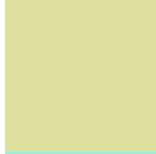
Trichromacy



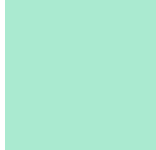
Original Color
9EF28A



Protanomaly
D3E485



Deuteranomaly
DCE09C

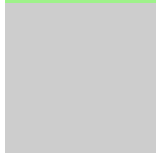


Tritanomaly
AAEAD0

Monochromacy



Original Color
9EF28A



Achromatopsia
CDCDCD



Achromatomaly
BCDAB5

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EF28A 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 #9EF28A looks like.

```
.text, #text, p{  
    color:#9EF28A  
}
```

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 #9EF28A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EF28A
}
```

Border

The CSS property to change the border of an element to Hex 9EF28A 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
#9EF28A }
```

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

```
.border{ border-color:#9EF28A }
```

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

Here you see how a box with a 4 pixel #9EF28A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EF28A; -webkit-box-shadow:4px 4px  
4px 4px #9EF28A; box-shadow:4px 4px 4px  
4px #9EF28A }
```

Background

The CSS property to change the background color of an element to Hex 9EF28A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EF28A }
```

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

```
.background{ background-color:#9EF28A }
```

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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