

Converting Colors

Hex(9DF897)

Have a look what the booklet for
Hex(9DF897) contains.

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Color

Hex(9DF897)

Conversions

Conversions Part 1

Format	Color
Hex	9DF897
RGB	157, 248, 151
RGB Percent	62%, 97%, 59%
CMY	0.3843, 0.0275, 0.4078
CMYK	0.37, 0.00, 0.39, 0.03
HSL	116°, 87%, 78%
HSV	116°, 39%, 97%
XYZ	53.0579, 76.5373, 41.2549
YIQ	209.7330, -23.0990, -49.4590

Conversions

Conversions Part 2

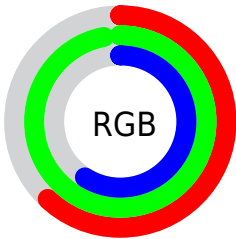
Format	Color
RYB	151, 248, 242
Decimal	10352791
CIELab	90.11, -45.67, 38.22
CIELCh	90, 59.554, 140.072
Yxy	76.5373, 0.3106, 0.4480
Android (android.graphics.Color)	4288542871 (0xFF9DF897)
YUV	209.7330, -28.9554, -46.2468
Hunter-Lab	87.4856, -44.8437, 33.2810

Details

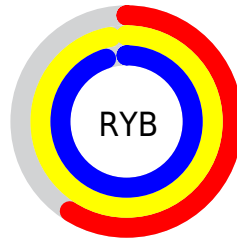
The Hex color **9DF897** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F297F8**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **D6FFCE**, and **65BF63** is the 20% darker color. If you saturate the color by 10%, you get **86F87E**, and if you desaturate by 10%, it is **B4F8B0**.

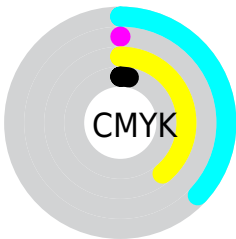
Distribution



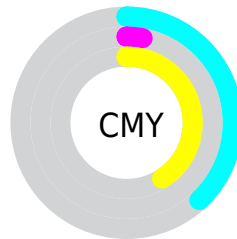
- Red (62%)
- Green (97%)
- Blue (59%)



- Red (59%)
- Yellow (97%)
- Blue (95%)



- Cyan (37%)
- Magenta (0%)
- Yellow (39%)
- Black (3%)



- Cyan (38%)
- Magenta (3%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DF897 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 9DF897 by changing the saturation by 10% instead.

 9DF897

 9DF897

FFFFFF

 81DB7C

 D6FFCE

 65BF63

 F4FFEB

 49A34A

 2A8931

 006F18

 005500

 003D00

 002800

 000100

 9DF897

 9DF897

 86F87E

 B4F8B0

 6EF865

 CCF8C9

 57F84D


 E3F8E1

 40F834

 FAF8FA

 29F81B

 FFF8FF

 11F802

 0FF800

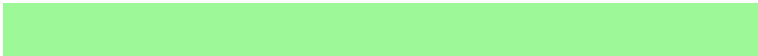
Harmonies

Analogous

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



DFEB74



9DF897



35FFCD

Triad

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



9DF897



4AEEFF



FFB5BF

Complementary

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



9DF897



F297F8

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.



FFB5F8



9DF897



C9DBFF

Square

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



9DF897



00FBFF



FFC5FF



FFC48D

Rectangle

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



9DF897



00FFF5



FFC5FF



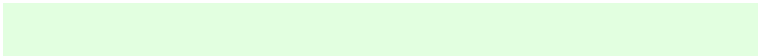
FFB3D1

Sweetspot

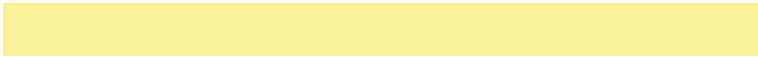
The Sweet Spot groups the original color and five complimentary colors.



9DF897



E2FFE0



F8F297



6F806E



000000



808080

Same Dimension

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



9DF897



8FFF87



97F8C1



717D70



0CBD00



043D00

Inverse Universe

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



F297F8



F887FF



F897CE



7C707D



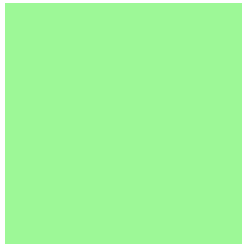
B100BD



39003D

Previews

White Background



This preview shows how the Hex color 9DF897 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 9DF897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

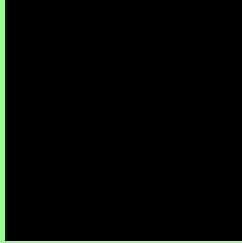
Any Text WCAG AA ✓ Pass

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 9DF897 Background



This preview shows how black text looks on a background with the Hex color 9DF897.

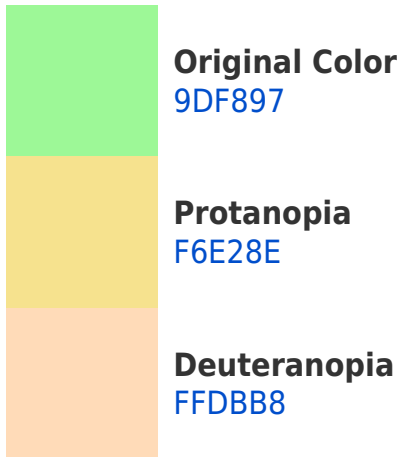


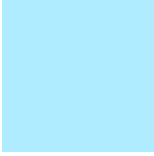
This preview shows how white text looks on a background with the Hex color 9DF897.

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

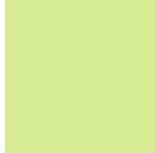




Trichromacy



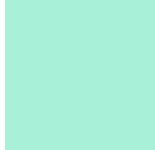
Original Color
9DF897



Protanomaly
D6EA91



Deuteranomaly
DBE6AC

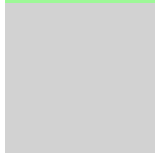


Tritanomaly
A9F0D9

Monochromacy



Original Color
9DF897



Achromatopsia
D2D2D2



Achromatomaly
BFE0BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DF897 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 #9DF897 looks like.

```
.text, #text, p{  
    color:#9DF897  
}
```

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 #9DF897 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DF897  
}
```

Border

The CSS property to change the border of an element to Hex 9DF897 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  
#9DF897 }
```

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

```
.border{ border-color:#9DF897 }
```

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

Here you see how a box with a 4 pixel #9DF897 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DF897; -webkit-box-shadow:4px 4px  
4px 4px #9DF897; box-shadow:4px 4px 4px  
4px #9DF897 }
```

Background

The CSS property to change the background color of an element to Hex 9DF897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DF897 }
```

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

```
.background{ background-color:#9DF897 }
```

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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