

Converting Colors

Hex(9BF27D)

Have a look what the booklet for
Hex(9BF27D) contains.

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Color

Hex(9BF27D)

Conversions

Conversions Part 1

Format	Color
Hex	9BF27D
RGB	155, 242, 125
RGB Percent	61%, 95%, 49%
CMY	0.3922, 0.0510, 0.5098
CMYK	0.36, 0.00, 0.48, 0.05
HSL	105°, 82%, 72%
HSV	105°, 48%, 95%
XYZ	48.9714, 71.9535, 30.7094
YIQ	202.6490, -14.2950, -54.8310

Conversions

Conversions Part 2

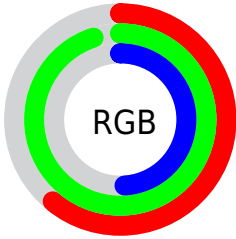
Format	Color
RYB	125, 242, 212
Decimal	10220157
CIELab	87.95, -47.20, 48.06
CIElCh	88, 67.363, 134.486
Yxy	71.9535, 0.3230, 0.4745
Android (android.graphics.Color)	4288410237 (0xFF9BF27D)
YUV	202.6490, -38.2810, -41.7882
Hunter-Lab	84.8254, -45.3929, 37.9130

Details

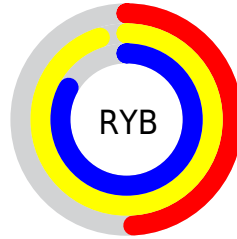
The Hex color **9BF27D** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **D47DF2**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **D5FFB4**, and **63B949** is the 20% darker color. If you saturate the color by 10%, you get **89F265**, and if you desaturate by 10%, it is **ADF295**.

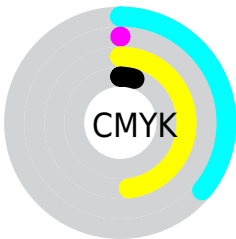
Distribution



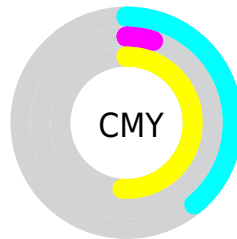
- Red (61%)
- Green (95%)
- Blue (49%)



- Red (49%)
- Yellow (95%)
- Blue (83%)



- Cyan (36%)
- Magenta (0%)
- Yellow (48%)
- Black (5%)



- Cyan (39%)
- Magenta (5%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BF27D 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 9BF27D by changing the saturation by 10% instead.

 9BF27D

 9BF27D

FFFFFF

 7FD563

 D5FFB4

 63B949

 F2FFD0

 469E2E

 FFFFED

 278311

 006900

 005000

 003800

 002300

 000000

 9BF27D

 9BF27D

 89F265

 ADF295

 77F24D

 BFF2AD

 65F234

 D1F2C6

 53F21C

 E3F2DE

 41F204

 F5F2F6

 3EF200

 FFF2FF

Harmonies

Analogous

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



E3E359



9BF27D



00FAB8

Triad

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



9BF27D



00EDFF



FFA5C0

Complementary

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



9BF27D



D47DF2

Split Complementary

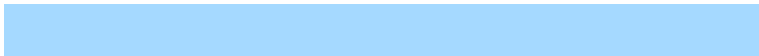
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA9FF



9BF27D



A5D9FF

Square

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



9BF27D



00F9FF



FFBFFF



FFB585

Rectangle

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



9BF27D



00FDE5



FFBFFF



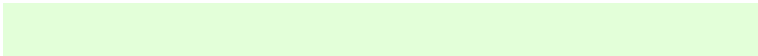
FFA4D5

Sweetspot

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



9BF27D



E3FFD9



F2D37D



6E8069



000000



808080

Same Dimension

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



9BF27D



91FF6B



7DF298



6F786C



2FB800



0E3800

Inverse Universe

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



D47DF2



D96BFF



F27DD7



756C78



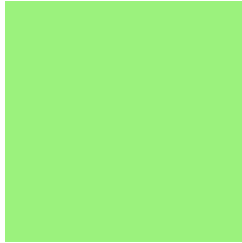
8900B8



2A0038

Previews

White Background



This preview shows how the Hex color 9BF27D 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 9BF27D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

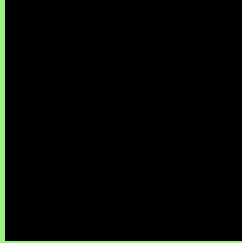
Any Text WCAG AA ✓ Pass

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 9BF27D Background



This preview shows how black text looks on a background with the Hex color 9BF27D.

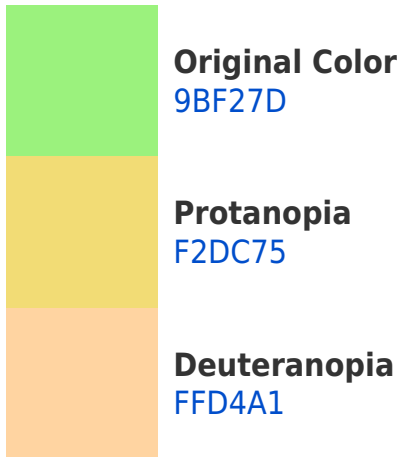


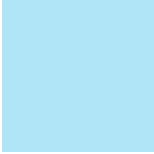
This preview shows how white text looks on a background with the Hex color 9BF27D.

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



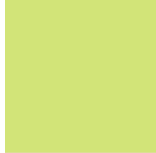


Tritanopia
B0E4F7

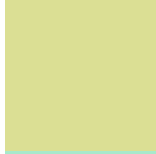
Trichromacy



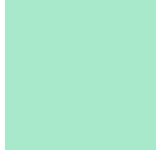
Original Color
9BF27D



Protanomaly
D2E478

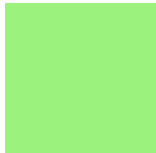


Deuteranomaly
DBDF94

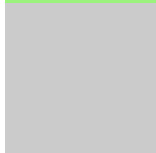


Tritanomaly
A8E9CB

Monochromacy



Original Color
9BF27D



Achromatopsia
CBCBCB



Achromatomaly
BAD9AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BF27D 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 #9BF27D looks like.

```
.text, #text, p{  
    color:#9BF27D  
}
```

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 #9BF27D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BF27D
}
```

Border

The CSS property to change the border of an element to Hex 9BF27D 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
#9BF27D }
```

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

```
.border{ border-color:#9BF27D }
```

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

Here you see how a box with a 4 pixel #9BF27D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BF27D; -webkit-box-shadow:4px 4px  
4px 4px #9BF27D; box-shadow:4px 4px 4px  
4px #9BF27D }
```

Background

The CSS property to change the background color of an element to Hex 9BF27D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BF27D }
```

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

```
.background{ background-color:#9BF27D }
```

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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