

# Converting Colors

Hex(9FFD82)

Have a look what the booklet for  
Hex(9FFD82) contains.

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**Color**

**Hex(9FFD82)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FFD82
RGB	159, 253, 130
RGB Percent	62%, 99%, 51%
CMY	0.3765, 0.0078, 0.4902
CMYK	0.37, 0.00, 0.49, 0.01
HSL	106°, 97%, 75%
HSV	106°, 49%, 99%
XYZ	53.4526, 79.2332, 33.5954
YIQ	210.8720, -16.5410, -58.1810

# Conversions

## Conversions Part 2

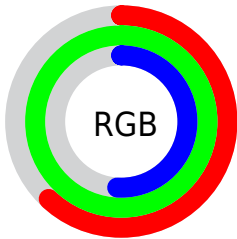
Format	Color
<a href="#">RYB</a>	<a href="#">130, 253, 224</a>
Decimal	<a href="#">10485122</a>
CIELab	<a href="#">91.34, -49.96, 49.92</a>
CIElCh	<a href="#">91, 70.627, 135.021</a>
Yxy	<a href="#">79.2332, 0.3215, 0.4765</a>
Android (android.graphics.Color)	<a href="#">4288675202</a> ( <a href="#">0xFF9FFD82</a> )
YUV	<a href="#">210.8720, -39.8699, -45.4917</a>
Hunter-Lab	<a href="#">89.0130, -48.5830, 39.9318</a>

# Details

The Hex color **9FFD82** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E082FD**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **D9FFB9**, and **66C44D** is the 20% darker color. If you saturate the color by 10%, you get **8CFD69**, and if you desaturate by 10%, it is **B2FD9B**.

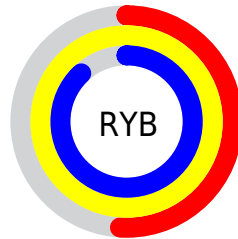
# Distribution



Red (62%)

Green (99%)

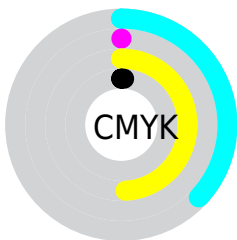
Blue (51%)



Red (51%)

Yellow (99%)

Blue (88%)

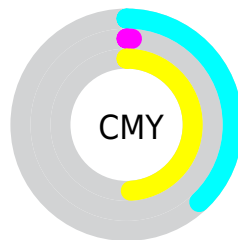


Cyan (37%)

Magenta (0%)

Yellow (49%)

Black (1%)



Cyan (38%)

Magenta (1%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FFD82 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 9FFD82 by changing the saturation by 10% instead.



 9FFD82

 9FFD82

FFFFFF

 82E067

 D9FFB9

 66C44D

 F7FFD5

 49A833

 FFFFF2

 288D15

 007300

 005900

 004100

 002B00

 000900

 9FFD82

 9FFD82

 8CFD69

 B2FD9B

 78FD4F

 C6FDB5

 65FD36

 D9FDCE

 52FD1D

 ECFDE7

 3EFD03

FFFDFE

 3CFD00

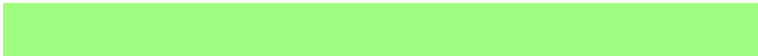
# Harmonies

## Analogous

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



ECED5B



9FFD82



00FC1

# Triad

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



9FFD82



00F7FF



FFACC7

# Complementary

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



9FFD82



E082FD

# Split Complementary

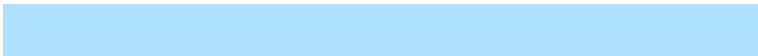
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFAFFF



9FFD82



AEE2FF

# Square

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



9FFD82



00FFFF



FFC6FF



FFBD89

# Rectangle

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



9FFD82



00FFF0



FFC6FF



FFAADD

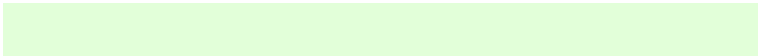


# Sweetspot

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



9FFD82



E2FFD9



FDDE82



6E8069



000000



808080



# Same Dimension

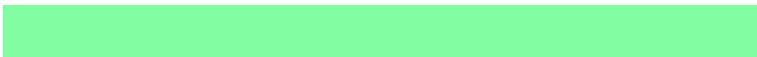
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9FFD82



8EFF6B



82FDA1



768073



2DBF00



0F4000



# Inverse Universe

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



E082FD



DC6BFF



FD82DE



7C7380



9200BF

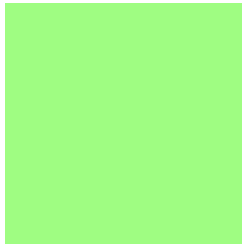


310040



# Previews

## White Background



This preview shows how the Hex color 9FFD82 looks on a white background.

## Color Contrast Check

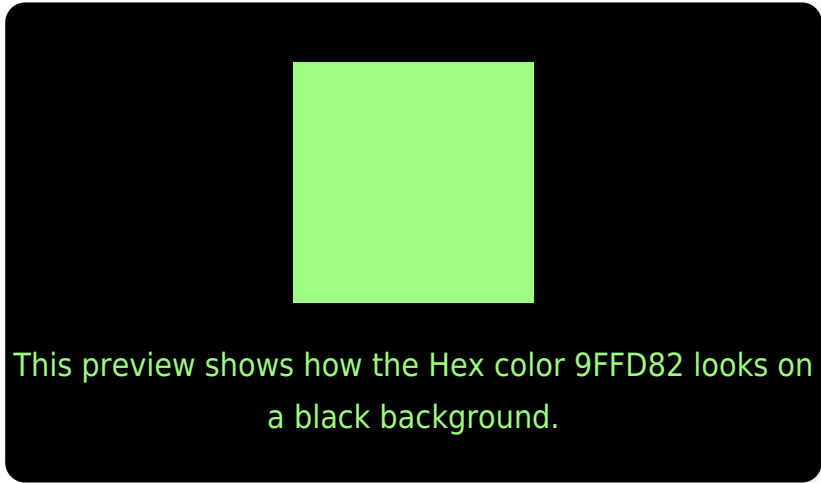
Large Text (above 18pt) WCAG AA × Fail

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

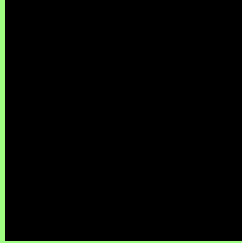
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FFD82 Background



This preview shows how black text looks on a background with the Hex color 9FFD82.

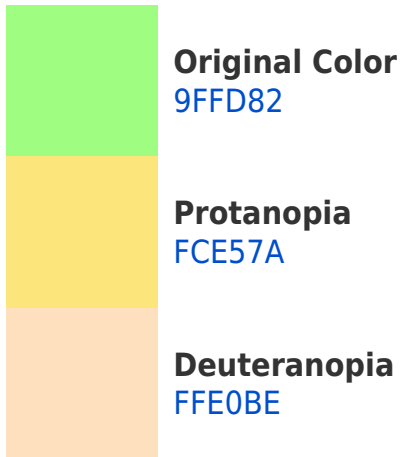


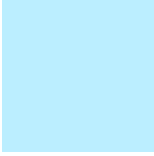
This preview shows how white text looks on a background with the Hex color 9FFD82.

# 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



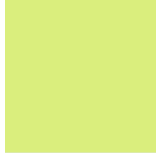


**Tritanopia**  
BBEEFF

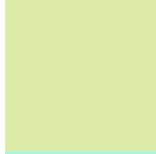
# Trichromacy



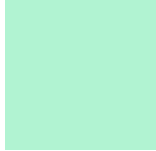
**Original Color**  
9FFD82



**Protanomaly**  
DAEE7D

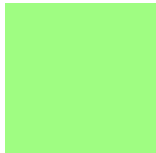


**Deuteranomaly**  
DCEBA8

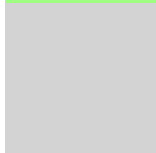


**Tritanomaly**  
B1F3D2

# Monochromacy



**Original Color**  
9FFD82



**Achromatopsia**  
D3D3D3



**Achromatomaly**  
C0E2B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FFD82 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 #9FFD82 looks like.

```
.text, #text, p{  
    color:#9FFD82  
}
```

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 #9FFD82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FFD82
}
```

## Border

The CSS property to change the border of an element to Hex 9FFD82 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
#9FFD82 }
```

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

```
.border{ border-color:#9FFD82 }
```

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

Here you see how a box with a 4 pixel #9FFD82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FFD82; -webkit-box-shadow:4px 4px  
4px 4px #9FFD82; box-shadow:4px 4px 4px  
4px #9FFD82 }
```

# Background

The CSS property to change the background color of an element to Hex 9FFD82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FFD82 }
```

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

```
.background{ background-color:#9FFD82 }
```

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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