

# Converting Colors

Hex(9FFD93)

Have a look what the booklet for  
Hex(9FFD93) contains.

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**Color**

**Hex(9FFD93)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FFD93
RGB	159, 253, 147
RGB Percent	62%, 99%, 58%
CMY	0.3765, 0.0078, 0.4235
CMYK	0.37, 0.00, 0.42, 0.01
HSL	113°, 96%, 78%
HSV	113°, 42%, 99%
XYZ	54.6898, 79.7281, 40.1104
YIQ	212.8100, -21.9980, -52.8940

# Conversions

## Conversions Part 2

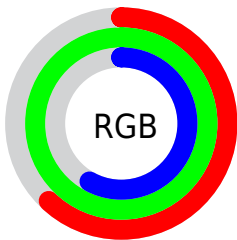
Format	Color
<a href="#">RYB</a>	<a href="#">147, 253, 241</a>
Decimal	<a href="#">10485139</a>
CIELab	<a href="#">91.56, -47.76, 42.08</a>
CIElCh	<a href="#">92, 63.655, 138.617</a>
Yxy	<a href="#">79.7281, 0.3134, 0.4568</a>
Android (android.graphics.Color)	<a href="#">4288675219 (0xFF9FFD93)</a>
YUV	<a href="#">212.8100, -32.4443, -47.1914</a>
Hunter-Lab	<a href="#">89.2906, -46.9286, 35.8696</a>

# Details

The Hex color **9FFD93** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F193FD**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **D9FFCA**, and **66C45E** is the 20% darker color. If you saturate the color by 10%, you get **89FD7A**, and if you desaturate by 10%, it is **B5FDAC**.

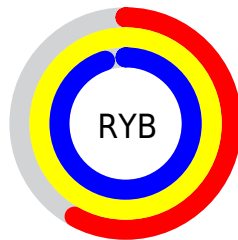
# Distribution



Red (62%)

Green (99%)

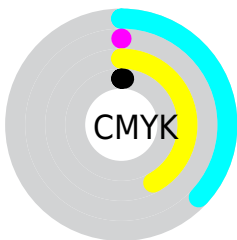
Blue (58%)



Red (58%)

Yellow (99%)

Blue (95%)

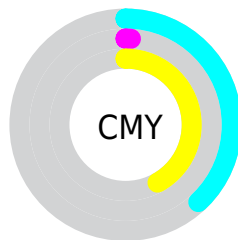


Cyan (37%)

Magenta (0%)

Yellow (42%)

Black (1%)



Cyan (38%)

Magenta (1%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FFD93 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 9FFD93 by changing the saturation by 10% instead.



 9FFD93

 9FFD93

FFFFFF

 83E078

 D9FFCA

 66C45E

 F6FFE7

 4AA845

 2B8D2C

 007310

 005900

 004100

 002C00

 000B00

 9FFD93

 9FFD93

 89FD7A

 B5FDAC

 72FD60

 CCFDC6

 5CFD47

 E2FDDF

 45FD2E

 F9FDF8

 2FFD14

 FFFDFF

 1DFD00

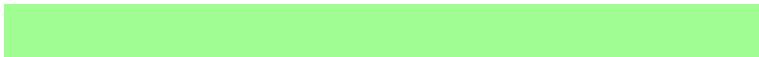
# Harmonies

## Analogous

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



E6EF6E



9FFD93



21FFCD

# Triad

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



9FFD93



08F4FF



FFB5C3

# Complementary

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



9FFD93



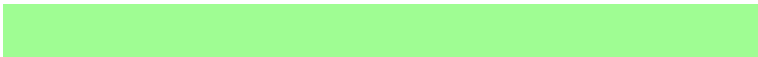
F193FD

# Split Complementary

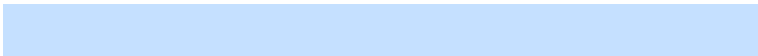
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB6FF



9FFD93



C5E0FF

# Square

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



9FFD93



00FFFF



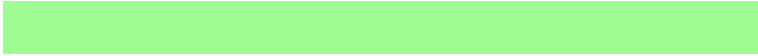
FFC8FF



FFC58D

# Rectangle

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



9FFD93



00FFF7



FFC8FF



FFB3D7

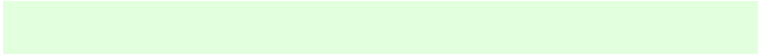


# Sweetspot

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



9FFD93



E2FFDE



FDF193



6D806B



000000



808080



# Same Dimension

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



9FFD93



8EFF80



93FDBC



748073



16BF00



074000



# Inverse Universe

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



F193FD



F180FF



FD93D4



7E7380



AA00BF

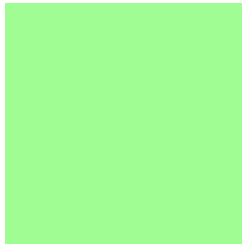


390040



# Previews

## White Background



This preview shows how the Hex color 9FFD93 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 9FFD93 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

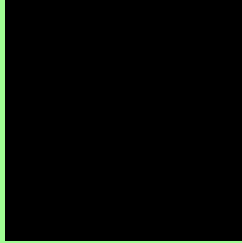
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FFD93 Background



This preview shows how black text looks on a background with the Hex color 9FFD93.

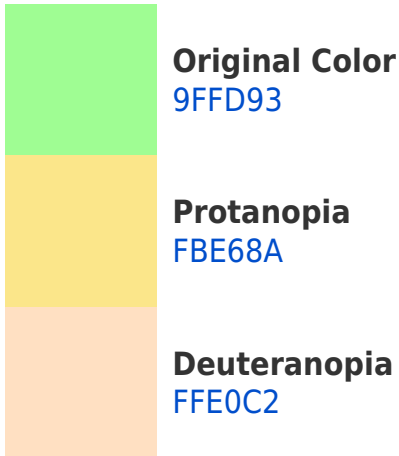


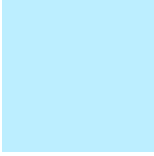
This preview shows how white text looks on a background with the Hex color 9FFD93.

# 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

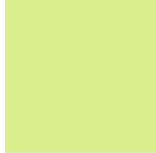




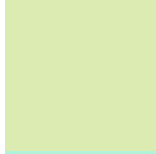
# Trichromacy



**Original Color**  
9FFD93



**Protanomaly**  
DAEE8D



**Deuteranomaly**  
DCEBB1

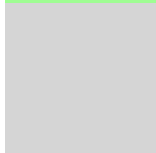


**Tritanomaly**  
B1F3D8

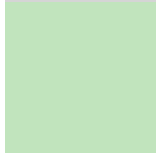
# Monochromacy



**Original Color**  
9FFD93



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
C1E4BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FFD93 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 #9FFD93 looks like.

```
.text, #text, p{  
    color:#9FFD93  
}
```

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 #9FFD93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FFD93  
}
```

## Border

The CSS property to change the border of an element to Hex 9FFD93 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  
#9FFD93 }
```

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

```
.border{ border-color:#9FFD93 }
```

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

Here you see how a box with a 4 pixel #9FFD93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FFD93; -webkit-box-shadow:4px 4px  
4px 4px #9FFD93; box-shadow:4px 4px 4px  
4px #9FFD93 }
```

# Background

The CSS property to change the background color of an element to Hex 9FFD93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FFD93 }
```

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

```
.background{ background-color:#9FFD93 }
```

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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