

Converting Colors

Hex(9FF59D)

Have a look what the booklet for
Hex(9FF59D) contains.

Hex(9FF59D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9FF59D)

Conversions

Conversions Part 1

Format	Color
Hex	9FF59D
RGB	159, 245, 157
RGB Percent	62%, 96%, 62%
CMY	0.3765, 0.0392, 0.3843
CMYK	0.35, 0.00, 0.36, 0.04
HSL	119°, 81%, 79%
HSV	119°, 36%, 96%
XYZ	53.0363, 75.1101, 43.6007
YIQ	209.2540, -23.0080, -45.6000

Conversions

Conversions Part 2

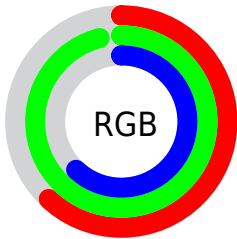
Format	Color
RYB	157, 245, 243
Decimal	10483101
CIELab	89.44, -42.86, 34.39
CIELCh	89, 54.953, 141.263
Yxy	75.1101, 0.3088, 0.4373
Android (android.graphics.Color)	4288673181 (0xFF9FF59D)
YUV	209.2540, -25.7612, -44.0728
Hunter-Lab	86.6661, -42.4305, 30.8381

Details

The Hex color **9FF59D** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F39DF5**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **D8FFD4**, and **68BC69** is the 20% darker color. If you saturate the color by 10%, you get **87F585**, and if you desaturate by 10%, it is **B7F5B6**.

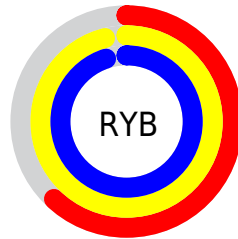
Distribution



Red (62%)

Green (96%)

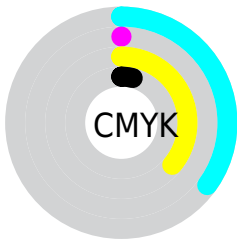
Blue (62%)



Red (62%)

Yellow (96%)

Blue (95%)

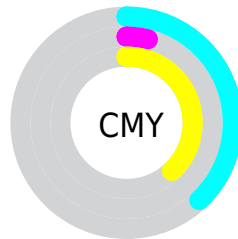


Cyan (35%)

Magenta (0%)

Yellow (36%)

Black (4%)



Cyan (38%)

Magenta (4%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FF59D 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 9FF59D by changing the saturation by 10% instead.

 9FF59D

FFFFFF

 D8FFD4

 F6FFF1

 9FF59D

 83D882

 68BC69

 4CA150

 2F8637

 086C1F

 005305

 003B00

 002600

 000000

 9FF59D

 9FF59D

 87F585

 B7F5B6

 6FF56C

 CFF5CE

 57F554

 E7F5E7

 3FF53B

 FFF5FF

 27F523

 0FF50A

 06F500

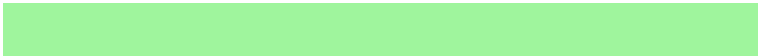
Harmonies

Analogous

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



DCE97C



9FF59D



4BFBCF

Triad

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



9FF59D



69EBFF



FFB8BD

Complementary

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



9FF59D



F39DF5

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.



FFB8F2



9FF59D



CED9FF

Square

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



9FF59D



00F7FF



FFC5FF



FFC691

Rectangle

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



9FF59D



00FCF4



FFC5FF



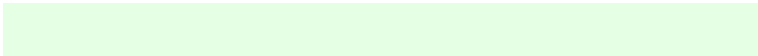
FFB6CF

Sweetspot

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



9FF59D



E4FFE3



F5F29D



6F806F



000000



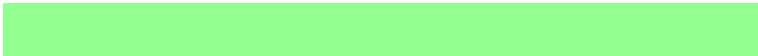
808080

Same Dimension

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



9FF59D



94FF91



9DF5C6



6E7A6E



04BA00



013B00

Inverse Universe

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



F39DF5



FD91FF



F59DCC



7A6E7A



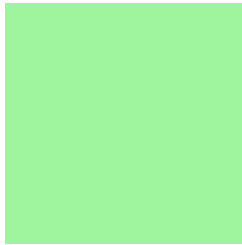
B600BA



39003B

Previews

White Background



This preview shows how the Hex color 9FF59D 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 9FF59D 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 9FF59D Background



This preview shows how black text looks on a background with the Hex color 9FF59D.

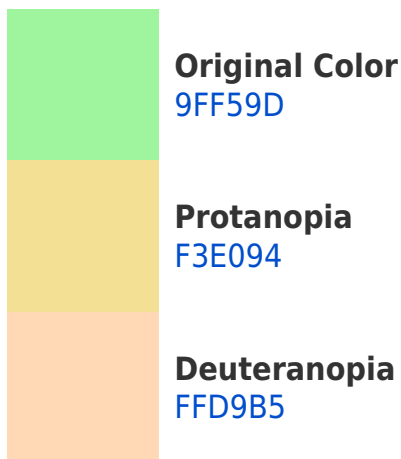


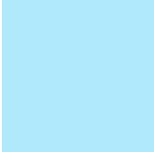
This preview shows how white text looks on a background with the Hex color 9FF59D.

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



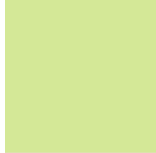


Tritanopia
B1E9FC

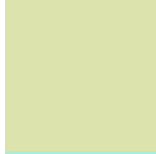
Trichromacy



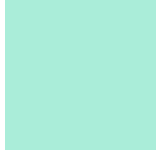
Original Color
9FF59D



Protanomaly
D4E897



Deuteranomaly
DCE3AC

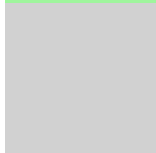


Tritanomaly
AAEDD9

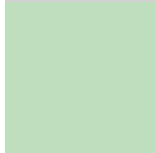
Monochromacy



Original Color
9FF59D



Achromatopsia
D1D1D1



Achromatomaly
BFDEBE

CSS Examples

Text

The CSS property to change the color of the text to Hex 9FF59D 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 #9FF59D looks like.

```
.text, #text, p{  
    color:#9FF59D  
}
```

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 #9FF59D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FF59D
}
```

Border

The CSS property to change the border of an element to Hex 9FF59D 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
#9FF59D }
```

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

```
.border{ border-color:#9FF59D }
```

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

Here you see how a box with a 4 pixel #9FF59D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FF59D; -webkit-box-shadow:4px 4px  
4px 4px #9FF59D; box-shadow:4px 4px 4px  
4px #9FF59D }
```

Background

The CSS property to change the background color of an element to Hex 9FF59D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FF59D }
```

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

```
.background{ background-color:#9FF59D }
```

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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