

Converting Colors

Hex(90FF9F)

Have a look what the booklet for
Hex(90FF9F) contains.

Hex(90FF9F)	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(90FF9F)

Conversions

Conversions Part 1

Format	Color
Hex	90FF9F
RGB	144, 255, 159
RGB Percent	56%, 100%, 62%
CMY	0.4353, 0.0000, 0.3765
CMYK	0.44, 0.00, 0.38, 0.00
HSL	128°, 100%, 78%
HSV	128°, 44%, 100%
XYZ	53.5196, 79.9525, 45.4125
YIQ	210.8670, -35.3400, -53.3880

Conversions

Conversions Part 2

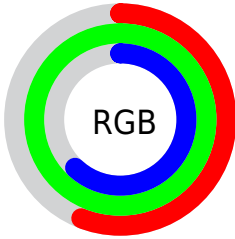
Format	Color
RYB	144, 242, 255
Decimal	9502623
CIELab	91.66, -51.18, 36.20
CIELCh	92, 62.689, 144.731
Yxy	79.9525, 0.2992, 0.4470
Android (android.graphics.Color)	4287692703 (0xFF90FF9F)
YUV	210.8670, -25.5704, -58.6424
Hunter-Lab	89.4162, -49.6380, 32.4792

Details

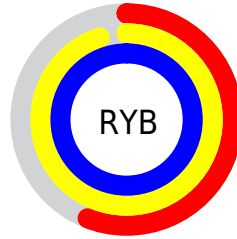
The Hex color **90FF9F** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FF90F0**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **CAFFD6**, and **56C56A** is the 20% darker color. If you saturate the color by 10%, you get **77FF89**, and if you desaturate by 10%, it is **AFFB5**.

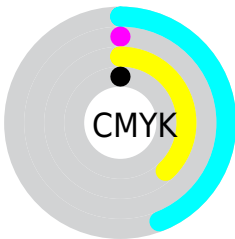
Distribution



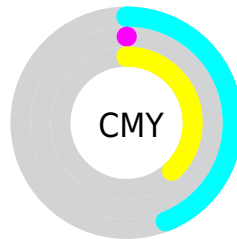
- Red (56%)
- Green (100%)
- Blue (62%)



- Red (56%)
- Yellow (95%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)



- Cyan (44%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90FF9F 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 90FF9F by changing the saturation by 10% instead.

 90FF9F

FFFFFF

 CAFFD6

 E8FFF3

 90FF9F

 73E284

 56C56A

 36AA51

 078F39

 007420

 005B05

 004200

 002C00

 000B00

 90FF9F

 90FF9F

 77FF89

 AAFFB5

 5DFF73

 C3FFCB

 43FF5D

 DDFFE1

 2AFF47

 F6FFF7

 10FF31

FFFFFF

 00FF22

Harmonies

Analogous

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



D9F375



90FF9F



00FFDA

Triad

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



90FF9F



5CF1FF



FFB8B8

Complementary

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



90FF9F



FF90F0

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.



FFB5F4



90FF9F



DBDCFF

Square

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



90FF9F



00FFFF



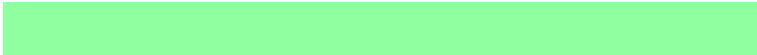
FFC4FF



FFCA86

Rectangle

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



90FF9F



00FFFF



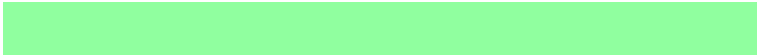
FFC4FF



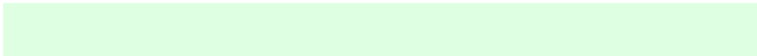
FFB5CC

Sweetspot

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



90FF9F



DEFFE2



F0FF90



6B806E



000000



808080

Same Dimension

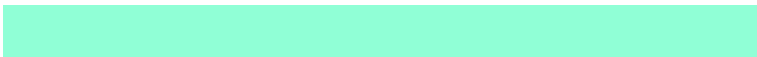
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90FF9F



7AFF8C



90FFD6



738074



00BF1A



004009

Inverse Universe

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



FF90F0



FF7AED



FF90B9



80737E



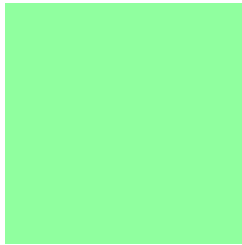
BF00A5



400037

Previews

White Background



This preview shows how the Hex color 90FF9F looks on a white background.

Color Contrast Check

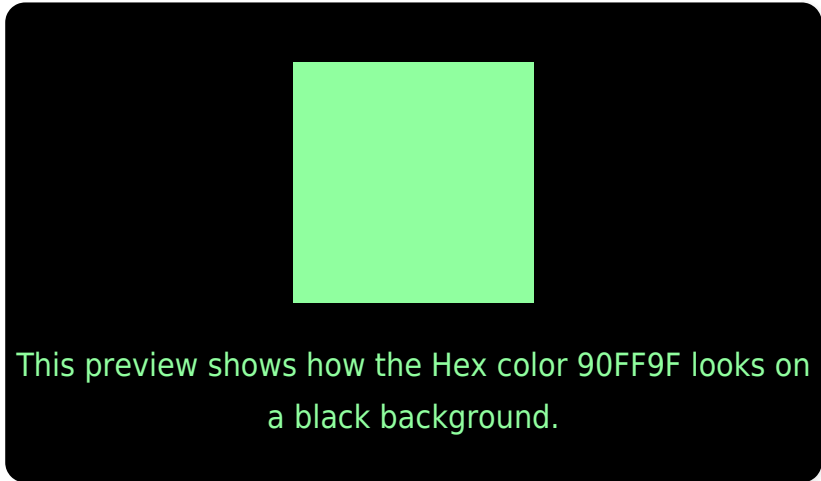
Large Text (above 18pt) WCAG AA × Fail

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

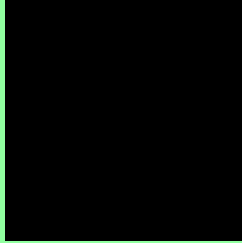
Any Text WCAG AA ✓ Pass

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 90FF9F Background



This preview shows how black text looks on a background with the Hex color 90FF9F.

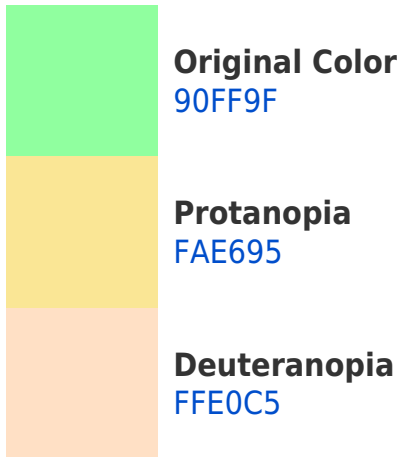


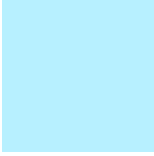
This preview shows how white text looks on a background with the Hex color 90FF9F.

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



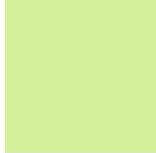


Tritanopia
B7F0FF

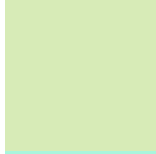
Trichromacy



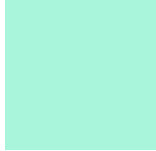
Original Color
90FF9F



Protanomaly
D3EF99

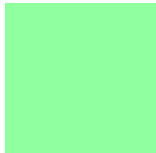


Deuteranomaly
D7EBB7

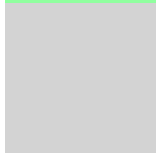


Tritanomaly
A9F5DC

Monochromacy



Original Color
90FF9F



Achromatopsia
D3D3D3



Achromatomaly
BBE3C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 90FF9F 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 #90FF9F looks like.

```
.text, #text, p{  
    color:#90FF9F  
}
```

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 #90FF9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90FF9F
}
```

Border

The CSS property to change the border of an element to Hex 90FF9F 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
#90FF9F }
```

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

```
.border{ border-color:#90FF9F }
```

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

Here you see how a box with a 4 pixel #90FF9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90FF9F; -webkit-box-shadow:4px 4px  
4px 4px #90FF9F; box-shadow:4px 4px 4px  
4px #90FF9F }
```

Background

The CSS property to change the background color of an element to Hex 90FF9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90FF9F }
```

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

```
.background{ background-color:#90FF9F }
```

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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