

Converting Colors

Hex(99FF90)

Have a look what the booklet for
Hex(99FF90) contains.

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Color

Hex(99FF90)

Conversions

Conversions Part 1

Format	Color
Hex	99FF90
RGB	153, 255, 144
RGB Percent	60%, 100%, 56%
CMY	0.4000, 0.0000, 0.4353
CMYK	0.40, 0.00, 0.44, 0.00
HSL	115°, 100%, 78%
HSV	115°, 44%, 100%
XYZ	53.9309, 80.3059, 39.0437
YIQ	211.8480, -25.1610, -56.1450

Conversions

Conversions Part 2

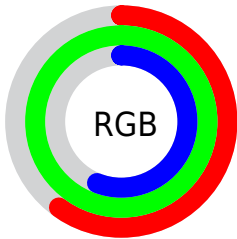
Format	Color
RYB	144, 255, 246
Decimal	10092432
CIELab	91.82, -50.81, 43.81
CIELCh	92, 67.090, 139.231
Yxy	80.3059, 0.3112, 0.4634
Android (android.graphics.Color)	4288282512 (0xFF99FF90)
YUV	211.8480, -33.4491, -51.6097
Hunter-Lab	89.6136, -49.3995, 36.8975

Details

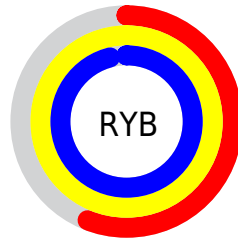
The Hex color **99FF90** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F690FF**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **D3FFC7**, and **60C65B** is the 20% darker color. If you saturate the color by 10%, you get **82FF77**, and if you desaturate by 10%, it is **B0FFAA**.

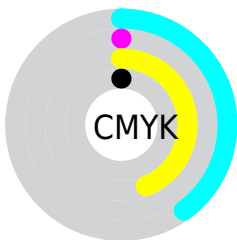
Distribution



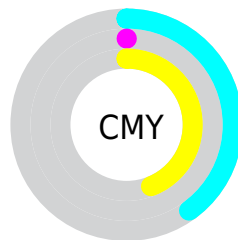
- Red (60%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (96%)



- Cyan (40%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99FF90 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 99FF90 by changing the saturation by 10% instead.

 99FF90

FFFFFF

 D3FFC7

 F1FFE4

 99FF90

 7CE275

 60C65B

 42AA42

 1F8F28


 00740A

 005B00

 004200

 002D00

 000C00

 99FF90

 99FF90

 82FF77

 B0FFAA

 6AFF5D

 C8FFC3

 53FF43

 DFFFDD

 3BFF2A

 F7FFF6

 24FF10

FFFFFF

 15FF00

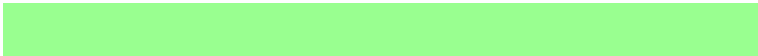
Harmonies

Analogous

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



E4F168



99FF90



00FFCD

Triad

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



99FF90



00F5FF



FFB2C1

Complementary

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



99FF90



F690FF

Split Complementary

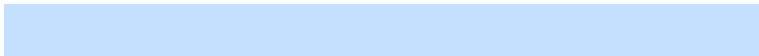
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB3FF



99FF90



C5E0FF

Square

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



99FF90



00FFFF



FFC6FF



FFC488

Rectangle

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



99FF90



00FFFA



FFC6FF



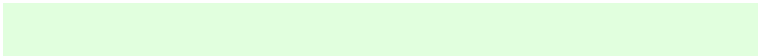
FFB0D6

Sweetspot

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



99FF90



E1FFDE



FFF690



6D806B



000000



808080

Same Dimension

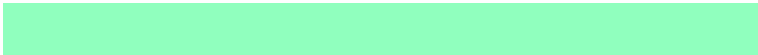
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99FF90



85FF7A



90FFBE



748073



10BF00



054000

Inverse Universe

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



F690FF



F47AFF



FF90D1



7E7380



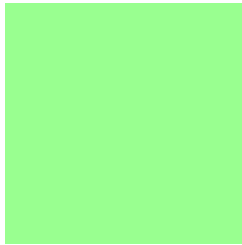
B000BF



3B0040

Previews

White Background



This preview shows how the Hex color 99FF90 looks on a white background.

Color Contrast Check

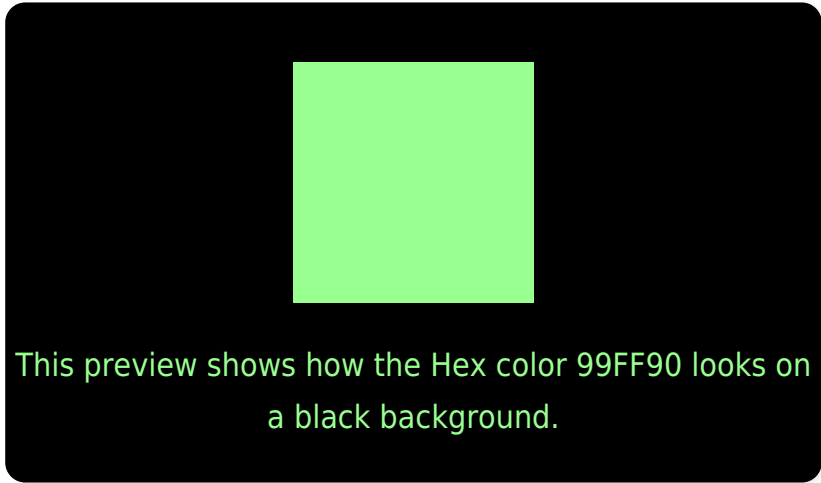
Large Text (above 18pt) WCAG AA × Fail

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

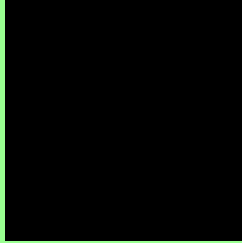
Any Text WCAG AA ✓ Pass

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 99FF90 Background



This preview shows how black text looks on a background with the Hex color 99FF90.

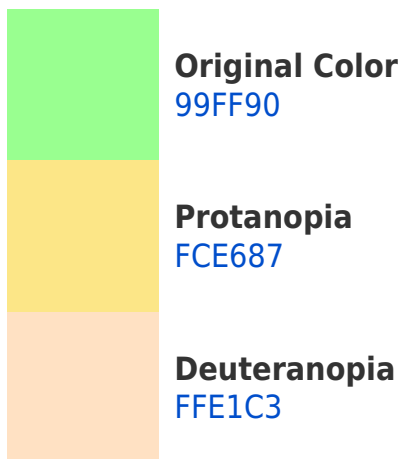


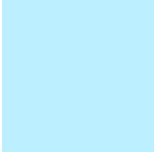
This preview shows how white text looks on a background with the Hex color 99FF90.

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



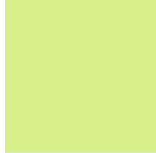


Tritanopia
BCEFFF

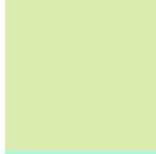
Trichromacy



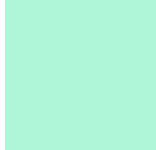
Original Color
99FF90



Protanomaly
D8EF8A

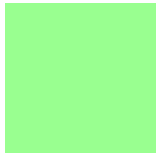


Deuteranomaly
DAECB0

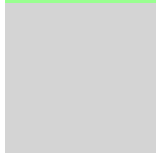


Tritanomaly
AFF5D7

Monochromacy



Original Color
99FF90



Achromatopsia
D4D4D4



Achromatomaly
BFE4BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 99FF90 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 #99FF90 looks like.

```
.text, #text, p{  
    color:#99FF90  
}
```

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 #99FF90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99FF90
}
```

Border

The CSS property to change the border of an element to Hex 99FF90 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
#99FF90 }
```

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

```
.border{ border-color:#99FF90 }
```

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

Here you see how a box with a 4 pixel #99FF90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99FF90; -webkit-box-shadow:4px 4px  
4px 4px #99FF90; box-shadow:4px 4px 4px  
4px #99FF90 }
```

Background

The CSS property to change the background color of an element to Hex 99FF90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99FF90 }
```

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

```
.background{ background-color:#99FF90 }
```

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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