

Converting Colors

Hex(9A90FF)

Have a look what the booklet for
Hex(9A90FF) contains.

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Color

Hex(9A90FF)

Conversions

Conversions Part 1

Format	Color
Hex	9A90FF
RGB	154, 144, 255
RGB Percent	60%, 56%, 100%
CMY	0.3961, 0.4353, 0.0000
CMYK	0.40, 0.44, 0.00, 0.00
HSL	245°, 100%, 78%
HSV	245°, 44%, 100%
XYZ	41.3497, 34.0365, 98.9981
YIQ	159.6440, -29.6710, 36.6410

Conversions

Conversions Part 2

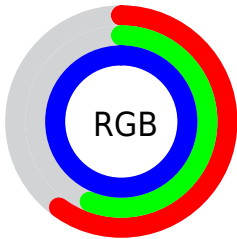
Format	Color
RYB	154, 144, 255
Decimal	10129663
CIELab	64.99, 29.76, -54.11
CIElCh	65, 61.758, 298.809
Yxy	34.0365, 0.2371, 0.1952
Android (android.graphics.Color)	4288319743 (0xFF9A90FF)
YUV	159.6440, 47.0105, -4.9498
Hunter-Lab	58.3408, 24.4173, -59.7701

Details

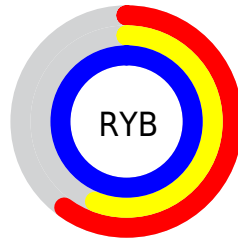
The Hex color **9A90FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F5FF90**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D4C6FF**, and **615EC6** is the 20% darker color. If you saturate the color by 10%, you get **8377FF**, and if you desaturate by 10%, it is **B1A AFF**.

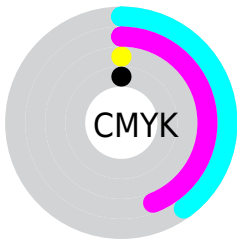
Distribution



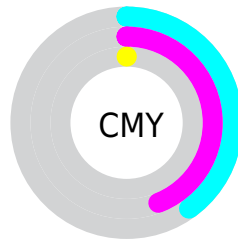
- Red (60%)
- Green (56%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 9A90FF 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 9A90FF by changing the saturation by 10% instead.

 9A90FF

 9A90FF

FFFFFF

 7E76E2

 D4C6FF

 615EC6

 F1E2FF

 4446AA

 232F8F

 001B75

 00065B

 000143

 00032C

 000116

 9A90FF

 9A90FF

 8377FF

 B1AAFF

 6C5DFF

 C8C3FF

 5443FF

 E0DDFF

 3D2AFF

 F7F6FF

 2610FF

FFFFFF

 1700FF

Harmonies

Analogous

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



00A5FF



9A90FF



DE78D8

Triad

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



9A90FF



E7853E



00B89A

Complementary

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



9A90FF



F5FF90

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.



33B462



9A90FF



BC9A23

Square

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



9A90FF



FF706C



86AA34



00B8D1

Rectangle

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



9A90FF



F86DB5



86AA34



00B786

Sweetspot

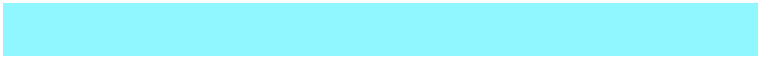
The Sweet Spot groups the original color and five complimentary colors.



9A90FF



E1DEFF



90F6FF



6D6B80



000000



808080

Same Dimension

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



9A90FF



867AFF



D190FF



747380



1100BF



060040

Inverse Universe

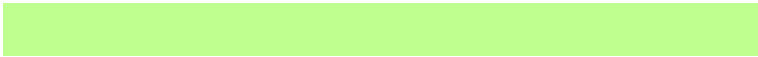
The Inverse Universe completely reimagines the original color for something new.



FF90F5



FF7AF3



BEFF90



80737E



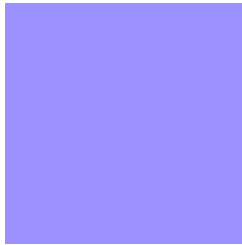
BF00AE



40003A

Previews

White Background



This preview shows how the Hex color 9A90FF looks on a white background.

Color Contrast Check

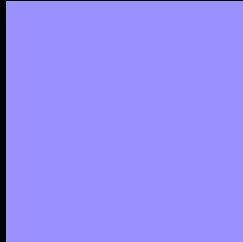
Large Text (above 18pt) WCAG AA × Fail

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 9A90FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

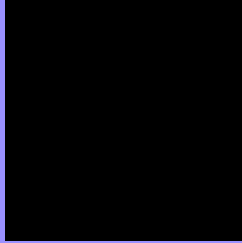
Any Text WCAG AA ✓ Pass

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 9A90FF Background



This preview shows how black text looks on a background with the Hex color 9A90FF.



This preview shows how white text looks on a background with the Hex color 9A90FF.

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](#).

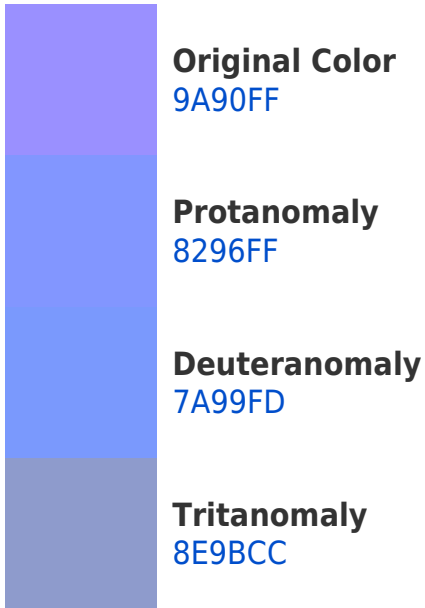
Dichromacy



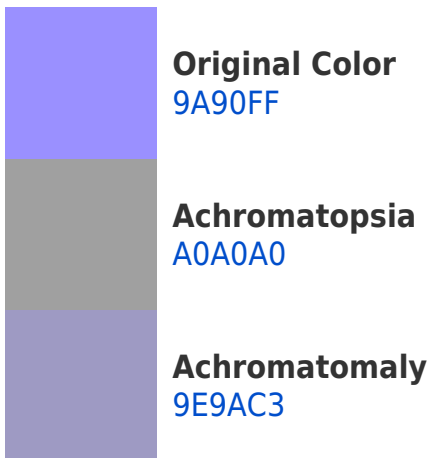


Tritanopia
87A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A90FF 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 #9A90FF looks like.

```
.text, #text, p{  
    color:#9A90FF  
}
```

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 #9A90FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A90FF
}
```

Border

The CSS property to change the border of an element to Hex 9A90FF 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
#9A90FF }
```

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

```
.border{ border-color:#9A90FF }
```

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

Here you see how a box with a 4 pixel #9A90FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A90FF; -webkit-box-shadow:4px 4px  
4px 4px #9A90FF; box-shadow:4px 4px 4px  
4px #9A90FF }
```

Background

The CSS property to change the background color of an element to Hex 9A90FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A90FF }
```

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

```
.background{ background-color:#9A90FF }
```

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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