

Converting Colors

Hex(949AFF)

Have a look what the booklet for
Hex(949AFF) contains.

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Color

Hex(949AFF)

Conversions

Conversions Part 1

Format	Color
Hex	949AFF
RGB	148, 154, 255
RGB Percent	58%, 60%, 100%
CMY	0.4196, 0.3961, 0.0000
CMYK	0.42, 0.40, 0.00, 0.00
HSL	237°, 100%, 79%
HSV	237°, 42%, 100%
XYZ	41.8183, 36.6271, 99.4734
YIQ	163.7200, -35.9970, 30.1390

Conversions

Conversions Part 2

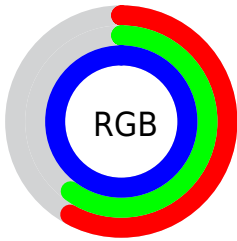
Format	Color
RYB	148, 154, 255
Decimal	9739007
CIELab	67.00, 22.55, -50.97
CIELCh	67, 55.731, 293.862
Yxy	36.6271, 0.2350, 0.2059
Android (android.graphics.Color)	4287929087 (0xFF949AFF)
YUV	163.7200, 45.0010, -13.7864
Hunter-Lab	60.5203, 17.4294, -55.0870

Details

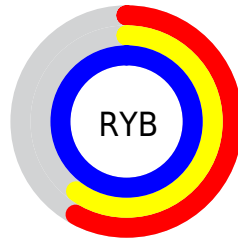
The Hex color `949AFF` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `FFF994`, and the grayscale version is `A3A3A3`.

A 20% lighter version of the original color is `CED0FF`, and `5B67C6` is the 20% darker color. If you saturate the color by 10%, you get `7B82FF`, and if you desaturate by 10%, it is `AEB2FF`.

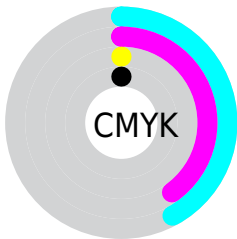
Distribution



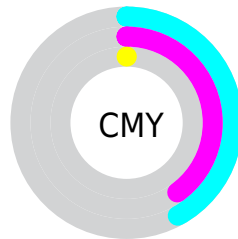
- Red (58%)
- Green (60%)
- Blue (100%)



- Red (58%)
- Yellow (60%)
- Blue (100%)



- Cyan (42%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 949AFF 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 949AFF by changing the saturation by 10% instead.

■ 949AFF

■ 949AFF

FFFFFF

■ 7880E2

■ CED0FF

■ 5B67C6

■ EBECFF

■ 3D4FAA

■ 1A398F

■ 002475

■ 00115C

■ 000043

■ 00032C

■ 000117

 949AFF

 949AFF

 7B82FF

 AEB2FF

 616AFF

 C7CAFF

 4852FF

 E1E2FF

 2E3AFF

 FAFAFF

 1522FF

FFFFFF

 000EFF

Harmonies

Analogous

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



00ACFF



949AFF



D786DF

Triad

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



949AFF



EC8A53



00BB97

Complementary

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



949AFF



FFF994

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.



59B665



949AFF



C89D3A

Square

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



949AFF



FF7A7D



98AC42



00BCCA

Rectangle

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



949AFF



F17BC0



98AC42



00BA85

Sweetspot

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



949AFF



DEE0FF



94FFF8



6B6C80



000000



808080

Same Dimension

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



949AFF



8087FF



C294FF



737380



000BBF



000440

Inverse Universe

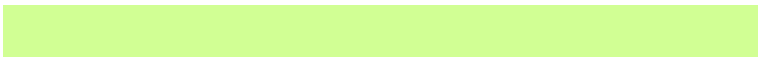
The Inverse Universe completely reimagines the original color for something new.



FF949A



FF8087



D1FF94



807373



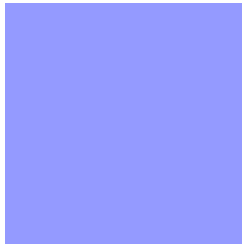
BF000B



400004

Previews

White Background



This preview shows how the Hex color 949AFF looks on a white background.

Color Contrast Check

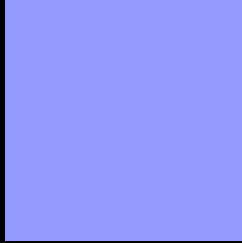
Large Text (above 18pt) WCAG AA × Fail

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 949AFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

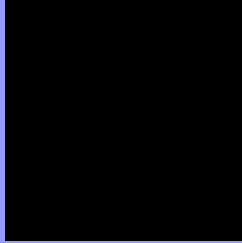
Any Text WCAG AA ✓ Pass

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 949AFF Background



This preview shows how black text looks on a background with the Hex color 949AFF.

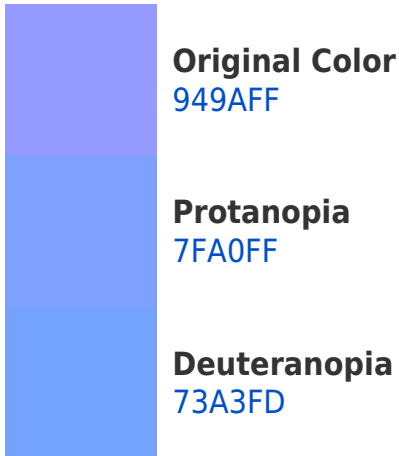


This preview shows how white text looks on a background with the Hex color 949AFF.

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](#).

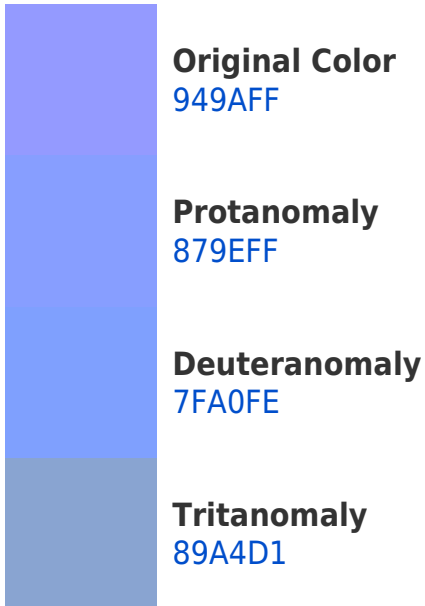
Dichromacy



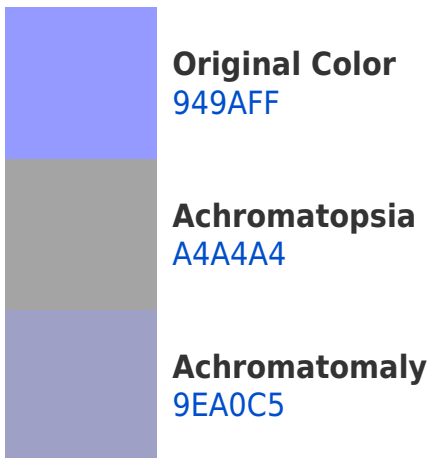


Tritanopia
82A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 949AFF 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 #949AFF looks like.

```
.text, #text, p{  
    color:#949AFF  
}
```

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 #949AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949AFF
}
```

Border

The CSS property to change the border of an element to Hex 949AFF 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
#949AFF }
```

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

```
.border{ border-color:#949AFF }
```

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

Here you see how a box with a 4 pixel #949AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949AFF; -webkit-box-shadow:4px 4px  
4px 4px #949AFF; box-shadow:4px 4px 4px  
4px #949AFF }
```

Background

The CSS property to change the background color of an element to Hex 949AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949AFF }
```

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

```
.background{ background-color:#949AFF }
```

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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