

Converting Colors

Hex(997BFF)

Have a look what the booklet for
Hex(997BFF) contains.

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Color

Hex(997BFF)

Conversions

Conversions Part 1

Format	Color
Hex	997BFF
RGB	153, 123, 255
RGB Percent	60%, 48%, 100%
CMY	0.4000, 0.5176, 0.0000
CMYK	0.40, 0.52, 0.00, 0.00
HSL	254°, 100%, 74%
HSV	254°, 52%, 100%
XYZ	38.2698, 28.1582, 98.0258
YIQ	147.0180, -24.4920, 47.4120

Conversions

Conversions Part 2

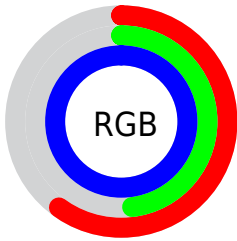
Format	Color
R_{YB}	153, 123, 255
Decimal	10058751
CIE _{Lab}	60.03, 41.49, -62.03
CIE _{LCh}	60, 74.627, 303.778
Yxy	28.1582, 0.2327, 0.1712
Android (android.graphics.Color)	4288248831 (0xFF997BFF)
YUV	147.0180, 53.2351, 5.2462
Hunter-Lab	53.0643, 35.8711, -72.3815

Details

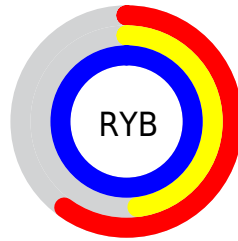
The Hex color **997BFF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **E1FF7B**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **D4B0FF**, and **5F49C5** is the 20% darker color. If you saturate the color by 10%, you get **8562FF**, and if you desaturate by 10%, it is **AD95FF**.

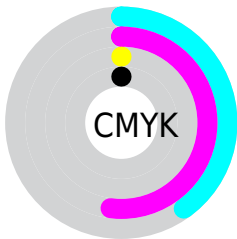
Distribution



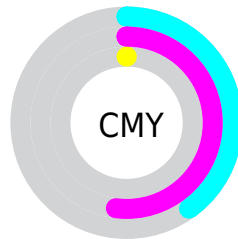
- Red (60%)
- Green (48%)
- Blue (100%)



- Red (60%)
- Yellow (48%)
- Blue (100%)



- Cyan (40%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 997BFF 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 997BFF by changing the saturation by 10% instead.

 997BFF

 997BFF

FFFFFF

 7C62E2

 D4B0FF

 5F49C5

 F1CCFF

 4132AA

 FFE8FF


 1C1B8E

 000474

 00005B

 000742

 00032B

 000115

 997BFF

 997BFF

 8562FF

 AD95FF

 7248FF

 C0AEFF

 5E2FFF

 D4C8FF

 4A15FF

 E8E1FF

 3A00FF

 FCFBFF

 FFFFFFFF

Harmonies

Analogous

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



0096FF



997BFF



E559CC

Triad

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



997BFF



DB7701



00AE97

Complementary

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



997BFF



E1FF7B

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.



00AA53



997BFF



A69100

Square

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



997BFF



FC574B



62A100



00ADD8

Rectangle

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



997BFF



FD48A1



62A100



00AD80

Sweetspot

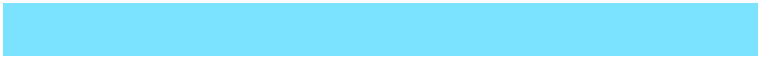
The Sweet Spot groups the original color and five complimentary colors.



997BFF



DFD6FF



7BE2FF



6D6780



000000



808080

Same Dimension

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



997BFF



8561FF



DA7BFF



767380



2B00BF



0E0040

Inverse Universe

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



FF7BE1



FF61DB



A0FF7B



80737D



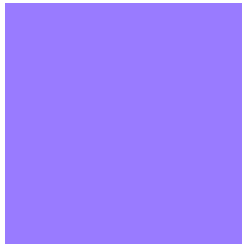
BF0094



400031

Previews

White Background



This preview shows how the Hex color 997BFF looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

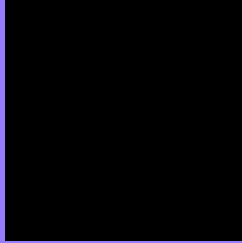
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 997BFF Background



This preview shows how black text looks on a background with the Hex color 997BFF.



This preview shows how white text looks on a background with the Hex color 997BFF.

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](#).

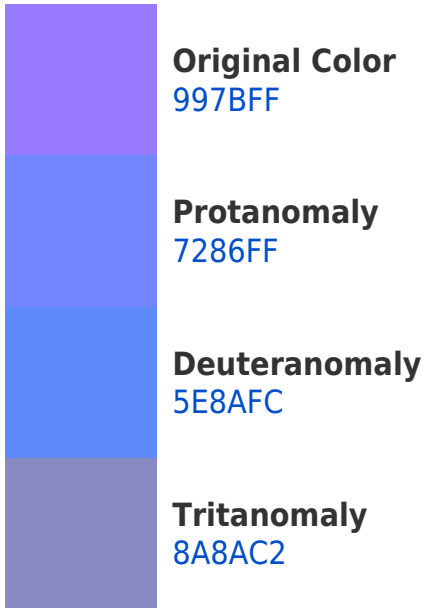
Dichromacy



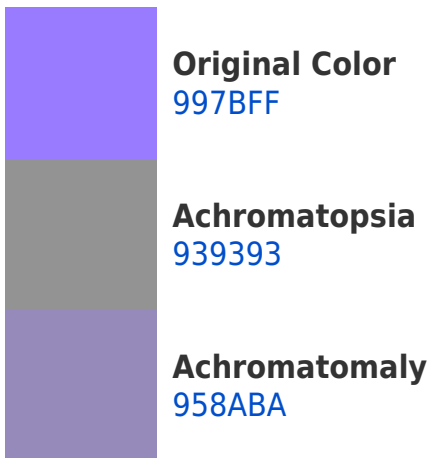


Tritanopia
82939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 997BFF 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 #997BFF looks like.

```
.text, #text, p{  
    color:#997BFF  
}
```

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 #997BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #997BFF
}
```

Border

The CSS property to change the border of an element to Hex 997BFF 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
#997BFF }
```

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

```
.border{ border-color:#997BFF }
```

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

Here you see how a box with a 4 pixel #997BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #997BFF; -webkit-box-shadow:4px 4px  
4px 4px #997BFF; box-shadow:4px 4px 4px  
4px #997BFF }
```

Background

The CSS property to change the background color of an element to Hex 997BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#997BFF }
```

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

```
.background{ background-color:#997BFF }
```

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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