

Converting Colors

Hex(9877FF)

Have a look what the booklet for
Hex(9877FF) contains.

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Color

Hex(9877FF)

Conversions

Conversions Part 1

Format	Color
Hex	9877FF
RGB	152, 119, 255
RGB Percent	60%, 47%, 100%
CMY	0.4039, 0.5333, 0.0000
CMYK	0.40, 0.53, 0.00, 0.00
HSL	255°, 100%, 73%
HSV	255°, 53%, 100%
XYZ	37.5957, 27.0891, 97.8549
YIQ	144.3710, -23.9880, 49.2920

Conversions

Conversions Part 2

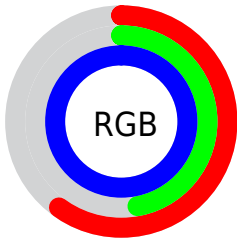
Format	Color
R _Y B	152, 119, 255
Decimal	9992191
CIE Lab	59.06, 43.51, -63.60
CIE LCh	59, 77.058, 304.378
Yxy	27.0891, 0.2313, 0.1667
Android (android.graphics.Color)	4288182271 (0xFF9877FF)
YUV	144.3710, 54.5401, 6.6906
Hunter-Lab	52.0471, 37.8551, -75.0394

Details

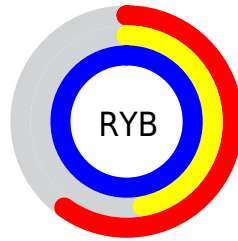
The Hex color **9877FF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **DEFF77**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **D3ACFF**, and **5E45C5** is the 20% darker color. If you saturate the color by 10%, you get **855EFF**, and if you desaturate by 10%, it is **AB91FF**.

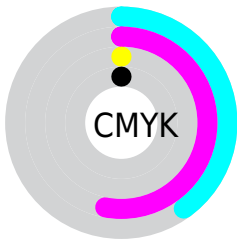
Distribution



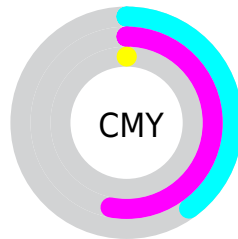
- Red (60%)
- Green (47%)
- Blue (100%)



- Red (60%)
- Yellow (47%)
- Blue (100%)



- Cyan (40%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9877FF 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 9877FF by changing the saturation by 10% instead.

 9877FF

 9877FF

FFFFFF

 7B5EE2

 D3ACFF

 5E45C5

 F1C8FF

 3F2EAA

 FFE4FF

 19168E

 000174

 00005B

 000742

 00032B

 000115

 9877FF

 9877FF

 855EFF

 AB91FF

 7144FF

 BFAAFF

 5E2AFF

 D2C3FF

 4B11FF

 E5DDFF

 3E00FF

 F9F7FF

FFFFFF

Harmonies

Analogous

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



0094FF



9877FF



E552CA

Triad

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



9877FF



D87400



00AC97

Complementary

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



9877FF



DEFF77

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.



00A850



9877FF



A28F00

Square

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



9877FF



FC5246



5B9F00



00ABD9

Rectangle

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



9877FF



FE3F9E



5B9F00



00AB7F

Sweetspot

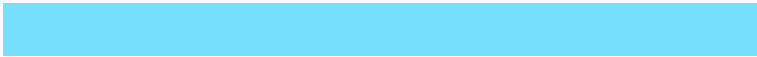
The Sweet Spot groups the original color and five complimentary colors.



9877FF



E0D6FF



77DFFF



6D6780



000000



808080

Same Dimension

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



9877FF



835CFF



DB77FF



767380



2E00BF



0F0040

Inverse Universe

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



FF77DE



FF5CD7



9BFF77



80737C



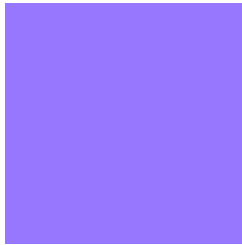
BF0091



400030

Previews

White Background



This preview shows how the Hex color 9877FF 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

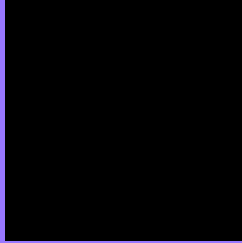
Any Text WCAG AA ✓ Pass

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 9877FF Background



This preview shows how black text looks on a background with the Hex color 9877FF.

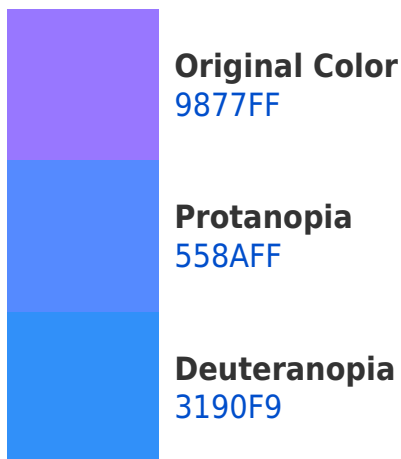


This preview shows how white text looks on a background with the Hex color 9877FF.

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](#).

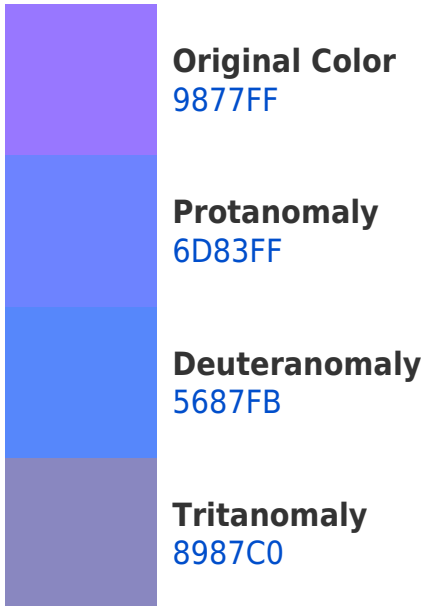
Dichromacy



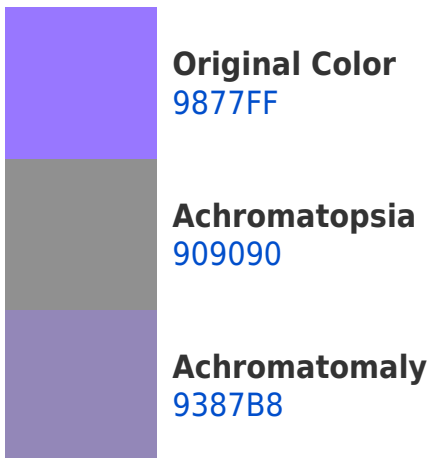


Tritanopia
81909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9877FF 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 #9877FF looks like.

```
.text, #text, p{  
    color:#9877FF  
}
```

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 #9877FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9877FF  
}
```

Border

The CSS property to change the border of an element to Hex 9877FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

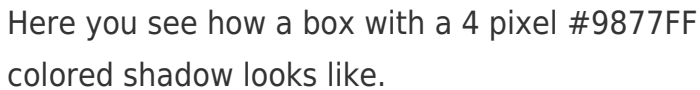
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9877FF }
```

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

```
.border{ border-color:#9877FF }
```

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



Here you see how a box with a 4 pixel #9877FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9877FF; -webkit-box-shadow:4px 4px  
4px 4px #9877FF; box-shadow:4px 4px 4px  
4px #9877FF }
```

Background

The CSS property to change the background color of an element to Hex 9877FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9877FF }
```

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

```
.background{ background-color:#9877FF }
```

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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