

Converting Colors

Hex(9688FD)

Have a look what the booklet for
Hex(9688FD) contains.

Hex(9688FD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9688FD)

Conversions

Conversions Part 1

Format	Color
Hex	9688FD
RGB	150, 136, 253
RGB Percent	59%, 53%, 99%
CMY	0.4118, 0.4667, 0.0078
CMYK	0.41, 0.46, 0.00, 0.01
HSL	247°, 97%, 76%
HSV	247°, 46%, 99%
XYZ	39.1115, 31.1842, 96.8863
YIQ	153.5240, -29.2130, 39.3550

Conversions

Conversions Part 2

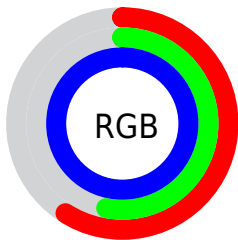
Format	Color
RYB	150, 136, 253
Decimal	9865469
CIELab	62.66, 32.84, -56.74
CIELCh	63, 65.557, 300.057
Yxy	31.1842, 0.2339, 0.1865
Android (android.graphics.Color)	4288055549 (0xFF9688FD)
YUV	153.5240, 49.0417, -3.0905
Hunter-Lab	55.8428, 27.2938, -63.7771

Details

The Hex color **9688FD** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFD88**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **D0BDFF**, and **5D56C4** is the 20% darker color. If you saturate the color by 10%, you get **806FFD**, and if you desaturate by 10%, it is **ACA1FD**.

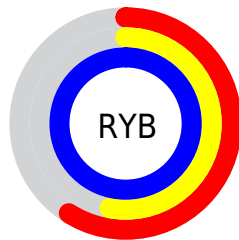
Distribution



Red (59%)

Green (53%)

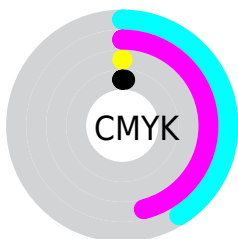
Blue (99%)



Red (59%)

Yellow (53%)

Blue (99%)

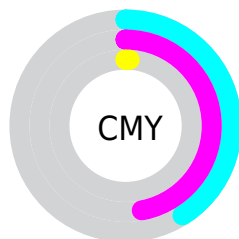


Cyan (41%)

Magenta (46%)

Yellow (0%)

Black (1%)



Cyan (41%)

Magenta (47%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9688FD 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 9688FD by changing the saturation by 10% instead.

 9688FD

 9688FD

FFFFFF

 796FE0

 D0BDFF

 5D56C4

 EED9FF

 3F3FA8

 FFF6FF

 1B288D

 001473

 00005A

 000641

 00032A

 000114

 9688FD

 9688FD

 806FFD

 ACA1FD

 6955FD

 C3BBFD

 533CFD

 D9D4FD

 3D23FD

 EFEDFD

 2709FD

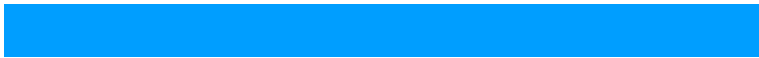
FFFFFFD

 1E00FD

Harmonies

Analogous

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



009EFF



9688FD



DD6ED3

Triad

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



9688FD



E17E2F



00B396

Complementary

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



9688FD



EFFD88

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.



03AE5A



9688FD



B49508

Square

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



9688FD



FC6761



7AA526



00B2D0

Rectangle

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



9688FD



F661AE



7AA526



00B282

Sweetspot

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



9688FD



E0DBFF



88EFFF



6C6A80



000000



808080

Same Dimension

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



9688FD



8473FF



D088FD



747380



1700BF



080040

Inverse Universe

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



FD88EF



FF73EE



B5FD88



80737E



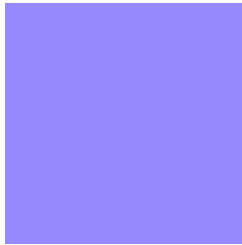
BF00A8



400038

Previews

White Background



This preview shows how the Hex color 9688FD looks on a white background.

Color Contrast Check

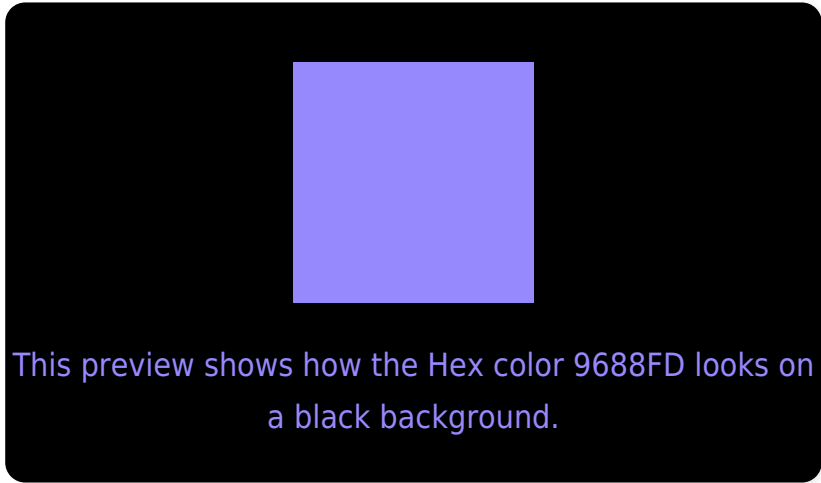
Large Text (above 18pt) WCAG AA × Fail

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

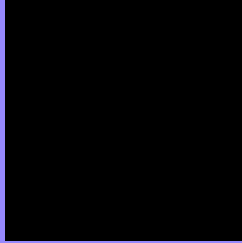
Any Text WCAG AA ✓ Pass

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 9688FD Background



This preview shows how black text looks on a background with the Hex color 9688FD.



This preview shows how white text looks on a background with the Hex color 9688FD.

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](#).

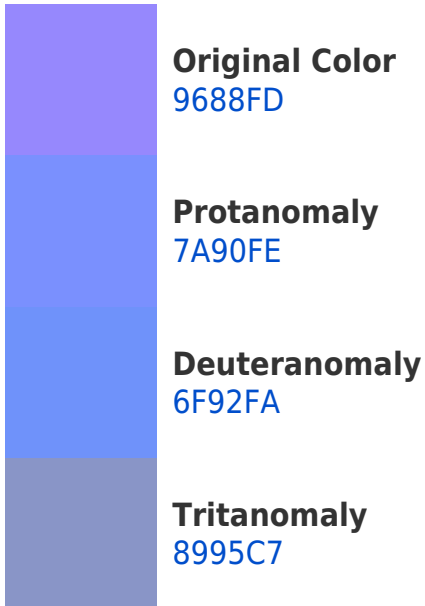
Dichromacy



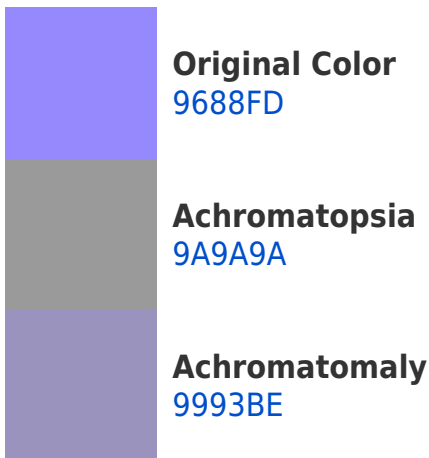


Tritanopia
819CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9688FD 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 #9688FD looks like.

```
.text, #text, p{  
    color:#9688FD  
}
```

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 #9688FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9688FD
}
```

Border

The CSS property to change the border of an element to Hex 9688FD 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
#9688FD }
```

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

```
.border{ border-color:#9688FD }
```

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

Here you see how a box with a 4 pixel #9688FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9688FD; -webkit-box-shadow:4px 4px  
4px 4px #9688FD; box-shadow:4px 4px 4px  
4px #9688FD }
```

Background

The CSS property to change the background color of an element to Hex 9688FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9688FD }
```

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

```
.background{ background-color:#9688FD }
```

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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