

Converting Colors

Hex(9686F1)

Have a look what the booklet for
Hex(9686F1) contains.

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Color

Hex(9686F1)

Conversions

Conversions Part 1

Format	Color
Hex	9686F1
RGB	150, 134, 241
RGB Percent	59%, 53%, 95%
CMY	0.4118, 0.4745, 0.0549
CMYK	0.38, 0.44, 0.00, 0.05
HSL	249°, 79%, 74%
HSV	249°, 44%, 95%
XYZ	36.9800, 29.8851, 87.0384
YIQ	150.9820, -24.8110, 36.6690

Conversions

Conversions Part 2

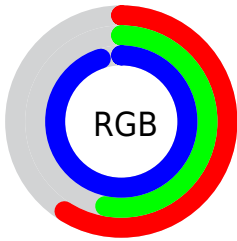
Format	Color
R_{YB}	150, 134, 241
Decimal	9864945
CIE _{Lab}	61.55, 30.73, -51.90
CIE _{LCh}	62, 60.314, 300.628
Yxy	29.8851, 0.2403, 0.1942
Android (android.graphics.Color)	4288055025 (0xFF9686F1)
YUV	150.9820, 44.3789, -0.8612
Hunter-Lab	54.6673, 25.0795, -56.1314

Details

The Hex color **9686F1** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E1F186**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **CFBBFF**, and **5E54B8** is the 20% darker color. If you saturate the color by 10%, you get **826EF1**, and if you desaturate by 10%, it is **AA9EF1**.

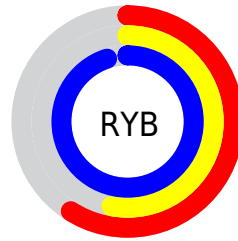
Distribution



Red (59%)

Green (53%)

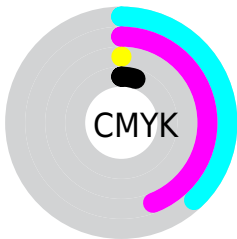
Blue (95%)



Red (59%)

Yellow (53%)

Blue (95%)

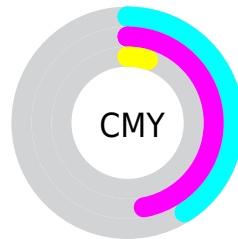


Cyan (38%)

Magenta (44%)

Yellow (0%)

Black (5%)



Cyan (41%)

Magenta (47%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9686F1 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 9686F1 by changing the saturation by 10% instead.

 9686F1

 9686F1

FFFFFF

 7A6DD4

 CFBBFF

 5E54B8

 EDD7FF

 423D9D

 FFF4FF

 222782

 001269

 000050

 000538

 000221

 000007

9686F1

9686F1

826EF1

AA9EF1

6D56F1

BFB6F1

593EF1

D3CEF1

4426F1

E8E6F1

300EF1

FCFEF1

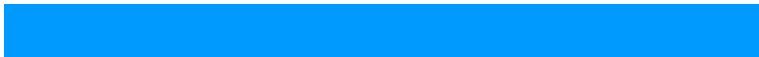
2400F1

FFFFF1

Harmonies

Analogous

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



009AFF



9686F1



D66FCA

Triad

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



9686F1



D97E36



00AE94

Complementary

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



9686F1



E1F186

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.



21AA5E



9686F1



AF921C

Square

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



9686F1



F26961



79A130



00ADCA

Rectangle

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



9686F1



ED64A8



79A130



00AD82

Sweetspot

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



9686F1



E3DEFF



86E3F1



6E6B80



000000



808080

Same Dimension

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



9686F1



8C78FF



CA86F1



6E6C78



1B00B8



080038

Inverse Universe

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



F186E1



FF78EB



ADF186



786C76



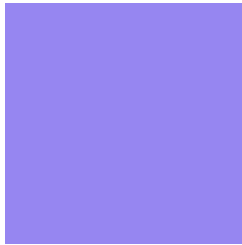
B8009C



380030

Previews

White Background



This preview shows how the Hex color 9686F1 looks on a white background.

Color Contrast Check

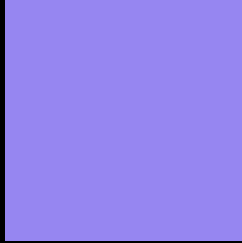
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 9686F1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

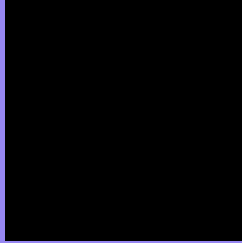
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 9686F1 Background



This preview shows how black text looks on a background with the Hex color 9686F1.

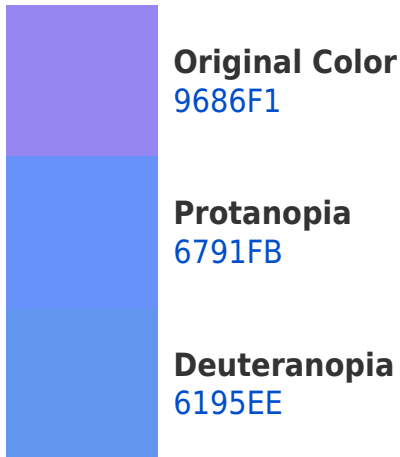


This preview shows how white text looks on a background with the Hex color 9686F1.

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](#).

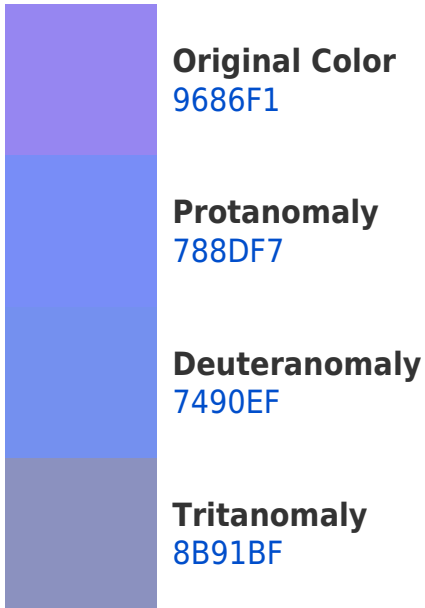
Dichromacy



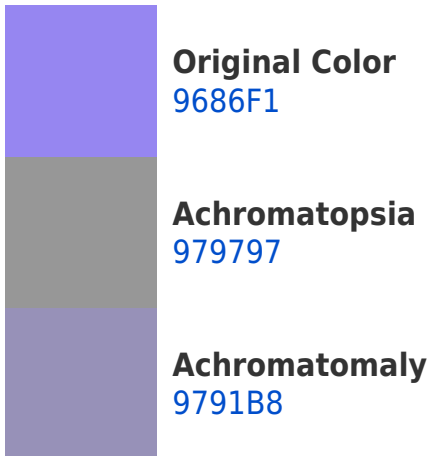


Tritanopia
8497A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9686F1 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 #9686F1 looks like.

```
.text, #text, p{  
    color:#9686F1  
}
```

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 #9686F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9686F1  
}
```

Border

The CSS property to change the border of an element to Hex 9686F1 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  
#9686F1 }
```

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

```
.border{ border-color:#9686F1 }
```

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

Here you see how a box with a 4 pixel #9686F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9686F1; -webkit-box-shadow:4px 4px  
4px 4px #9686F1; box-shadow:4px 4px 4px  
4px #9686F1 }
```

Background

The CSS property to change the background color of an element to Hex 9686F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9686F1 }
```

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

```
.background{ background-color:#9686F1 }
```

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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