

Converting Colors

Hex(9781F7)

Have a look what the booklet for
Hex(9781F7) contains.

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Color

Hex(9781F7)

Conversions

Conversions Part 1

Format	Color
Hex	9781F7
RGB	151, 129, 247
RGB Percent	59%, 51%, 97%
CMY	0.4078, 0.4941, 0.0314
CMYK	0.39, 0.48, 0.00, 0.03
HSL	251°, 88%, 74%
HSV	251°, 48%, 97%
XYZ	37.4013, 28.9952, 91.6211
YIQ	149.0300, -24.7660, 41.3620

Conversions

Conversions Part 2

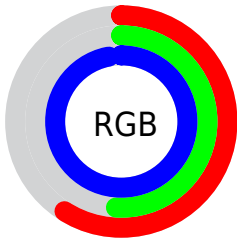
Format	Color
R_{YB}	151, 129, 247
Decimal	9929207
CIE _{Lab}	60.78, 35.46, -56.44
CIE _{LCh}	61, 66.657, 302.139
Yxy	28.9952, 0.2367, 0.1835
Android (android.graphics.Color)	4288119287 (0xFF9781F7)
YUV	149.0300, 48.2992, 1.7277
Hunter-Lab	53.8472, 29.7501, -63.1889

Details

The Hex color **9781F7** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E1F781**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D1B6FF**, and **5E4FBE** is the 20% darker color. If you saturate the color by 10%, you get **8368F7**, and if you desaturate by 10%, it is **AB9AF7**.

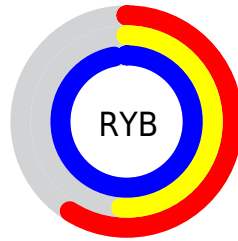
Distribution



Red (59%)

Green (51%)

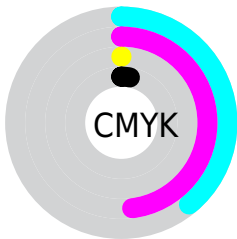
Blue (97%)



Red (59%)

Yellow (51%)

Blue (97%)

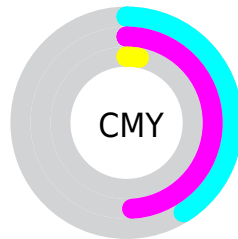


Cyan (39%)

Magenta (48%)

Yellow (0%)

Black (3%)



Cyan (41%)

Magenta (49%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9781F7 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 9781F7 by changing the saturation by 10% instead.

 9781F7

 9781F7

FFFFFF

 7B68DA

 D1B6FF

 5E4FBE

 EED2FF

 4138A2

 FFEEFF

 1F2288

 000D6D

 000055

 00063C

 000226

 00010E

9781F7

9781F7

8368F7

AB9AF7

6F50F7

BFB2F7

5B37F7

D3CBF7

471EF7

E7E4F7

3305F7

FBFCF7

2E00F7

FFFFF7

Harmonies

Analogous

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



0098FF



9781F7



DC66CB

Triad

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



9781F7



D97B24



00AE95

Complementary

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



9781F7



E1F781

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.



00AA58



9781F7



AB9100

Square

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



9781F7



F66157



6FA120



00ADD0

Rectangle

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



9781F7



F459A5



6FA120



00AD81

Sweetspot

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



9781F7



E2DBFF



81E1F7



6E6A80



000000



808080

Same Dimension

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



9781F7



896EFF



D281F7



706E7A



2300BA



0B003B

Inverse Universe

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



F781E1



FF6EE4



A6F781



7A6E78



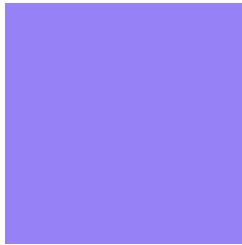
BA0097



3B0030

Previews

White Background



This preview shows how the Hex color 9781F7 looks on a white background.

Color Contrast Check

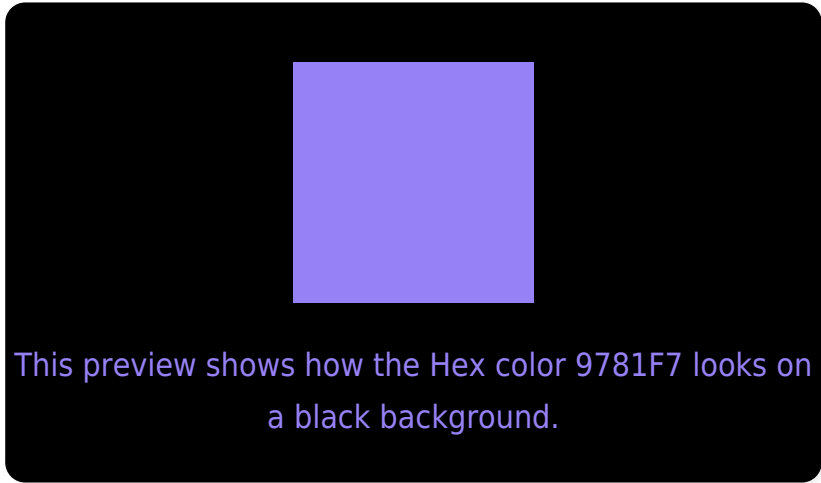
Large Text (above 18pt) WCAG AA ✓ Pass

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

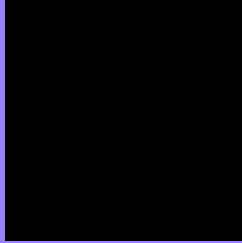
Any Text WCAG AA ✓ Pass

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 9781F7 Background



This preview shows how black text looks on a background with the Hex color 9781F7.

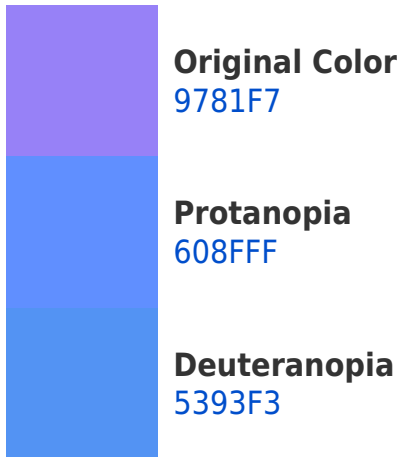


This preview shows how white text looks on a background with the Hex color 9781F7.

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](#).

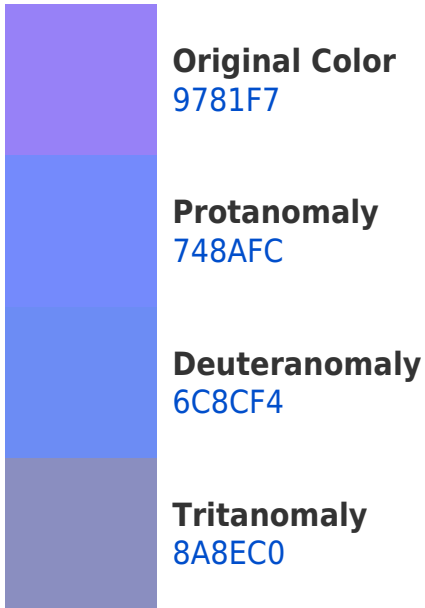
Dichromacy





Tritanopia
8395A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9781F7 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 #9781F7 looks like.

```
.text, #text, p{  
    color:#9781F7  
}
```

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 #9781F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9781F7
}
```

Border

The CSS property to change the border of an element to Hex 9781F7 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
#9781F7 }
```

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

```
.border{ border-color:#9781F7 }
```

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

Here you see how a box with a 4 pixel #9781F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9781F7; -webkit-box-shadow:4px 4px  
4px 4px #9781F7; box-shadow:4px 4px 4px  
4px #9781F7 }
```

Background

The CSS property to change the background color of an element to Hex 9781F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9781F7 }
```

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

```
.background{ background-color:#9781F7 }
```

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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