

Converting Colors

Hex(7871FF)

Have a look what the booklet for
Hex(7871FF) contains.

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Color

Hex(7871FF)

Conversions

Conversions Part 1

Format	Color
Hex	7871FF
RGB	120, 113, 255
RGB Percent	47%, 44%, 100%
CMY	0.5294, 0.5569, 0.0000
CMYK	0.53, 0.56, 0.00, 0.00
HSL	243°, 100%, 72%
HSV	243°, 56%, 100%
XYZ	31.7009, 23.0233, 97.3809
YIQ	131.2810, -41.4100, 45.6460

Conversions

Conversions Part 2

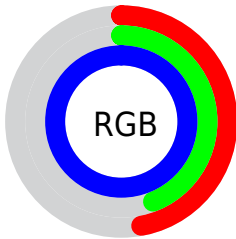
Format	Color
R_{YB}	120, 113, 255
Decimal	7893503
CIE _{Lab}	55.10, 40.30, -70.11
CIE _{LCh}	55, 80.870, 299.888
Yxy	23.0233, 0.2084, 0.1514
Android (android.graphics.Color)	4286083583 (0xFF7871FF)
YUV	131.2810, 60.9935, -9.8934
Hunter-Lab	47.9826, 33.9606, -86.7414

Details

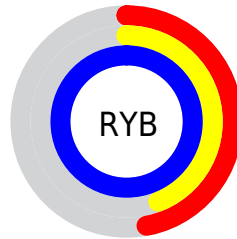
The Hex color **7871FF** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **F8FF71**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B5A5FF**, and **3541C5** is the 20% darker color. If you saturate the color by 10%, you get **6058FF**, and if you desaturate by 10%, it is **908BFF**.

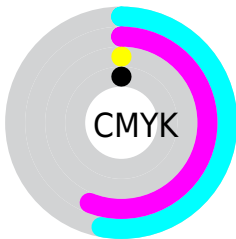
Distribution



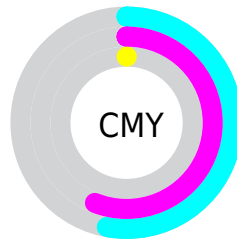
- Red (47%)
- Green (44%)
- Blue (100%)



- Red (47%)
- Yellow (44%)
- Blue (100%)



- Cyan (53%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7871FF 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 7871FF by changing the saturation by 10% instead.

 7871FF

 7871FF

FFFFFF

 5858E2

 B5A5FF

 3541C5

 D3C0FF

 002AA9

 F1DCFF

 00168E

 FFF9FF

 000274

 00005A

 000742

 00032A

 000115

 7871FF

 7871FF

 6058FF

 908BFF

 483EFF

 A8A4FF

 2F24FF

 C1BEFF

 170BFF

 D9D7FF

 0D00FF

 F1F1FF

FFFFFF

Harmonies

Analogous

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



008DFF



7871FF



D547CB

Triad

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



7871FF



D56300



00A182

Complementary

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



7871FF



F8FF71

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.



009D37



7871FF



A08100

Square

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



7871FF



F6A43



599300



00A2C8

Rectangle

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



7871FF



F2299F



599300



00A069

Sweetspot

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



7871FF



D6D4FF



71FAFF



676680



000000



808080

Same Dimension

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



7871FF



5D54FF



BD71FF



737380



0900BF



030040

Inverse Universe

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



FF71F8



FF54F7



B3FF71



80737F



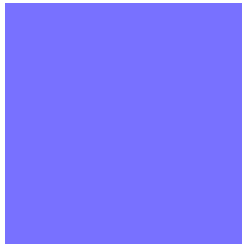
BF00B6



40003D

Previews

White Background



This preview shows how the Hex color 7871FF looks on a white background.

Color Contrast Check

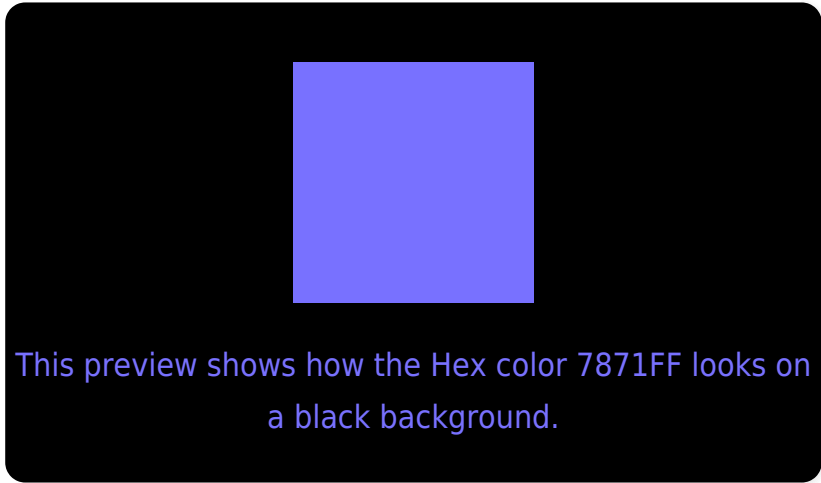
Large Text (above 18pt) WCAG AA ✓ Pass

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 7871FF Background



This preview shows how black text looks on a background with the Hex color 7871FF.



This preview shows how white text looks on a background with the Hex color 7871FF.

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](#).

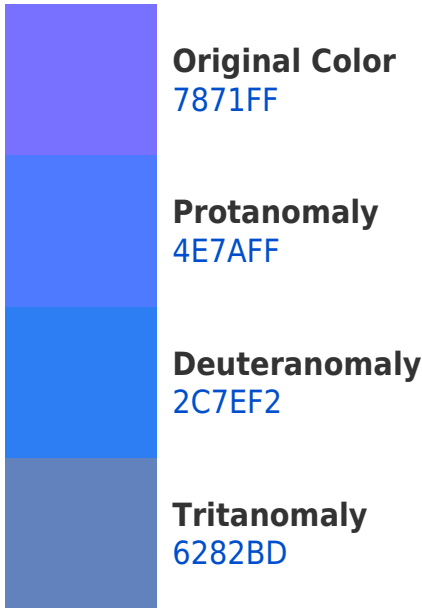
Dichromacy



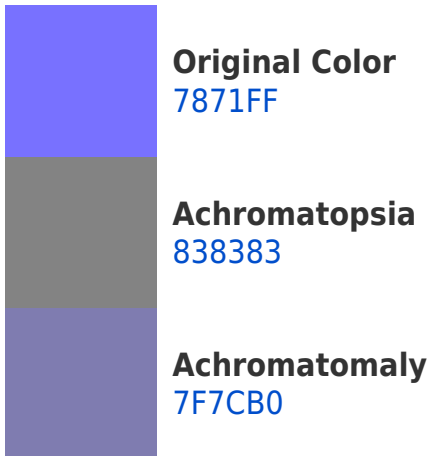


Tritanopia
558C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7871FF 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 #7871FF looks like.

```
.text, #text, p{  
  color:#7871FF  
}
```

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 #7871FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7871FF
}
```

Border

The CSS property to change the border of an element to Hex 7871FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

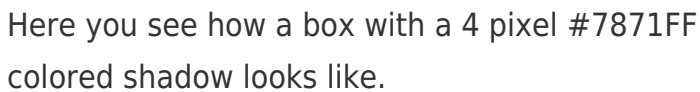
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7871FF }
```

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

```
.border{ border-color:#7871FF }
```

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



Here you see how a box with a 4 pixel #7871FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7871FF; -webkit-box-shadow:4px 4px  
4px 4px #7871FF; box-shadow:4px 4px 4px  
4px #7871FF }
```

Background

The CSS property to change the background color of an element to Hex 7871FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7871FF }
```

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

```
.background{ background-color:#7871FF }
```

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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