

Converting Colors

Hex(7F62FF)

Have a look what the booklet for
Hex(7F62FF) contains.

Hex(7F62FF)	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(7F62FF)

Conversions

Conversions Part 1

Format	Color
Hex	7F62FF
RGB	127, 98, 255
RGB Percent	50%, 38%, 100%
CMY	0.5020, 0.6157, 0.0000
CMYK	0.50, 0.62, 0.00, 0.00
HSL	251°, 100%, 69%
HSV	251°, 62%, 100%
XYZ	31.1701, 20.4674, 96.9155
YIQ	124.5690, -33.1130, 54.9750

Conversions

Conversions Part 2

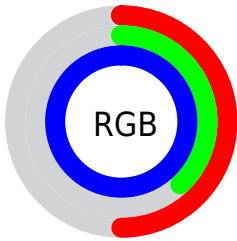
Format	Color
R_{YB}	127, 98, 255
Decimal	8348415
CIE _{Lab}	52.36, 50.14, -74.52
CIE _{LCh}	52, 89.819, 303.934
Yxy	20.4674, 0.2098, 0.1378
Android (android.graphics.Color)	4286538495 (0xFF7F62FF)
YUV	124.5690, 64.3025, 2.1320
Hunter-Lab	45.2409, 43.8114, -95.3430

Details

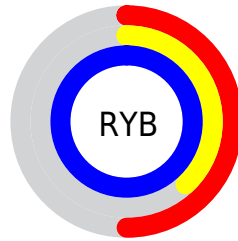
The Hex color **7F62FF** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **E2FF62**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **BC96FF**, and **3E31C5** is the 20% darker color. If you saturate the color by 10%, you get **6A49FF**, and if you desaturate by 10%, it is **947BFF**.

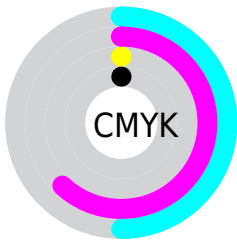
Distribution



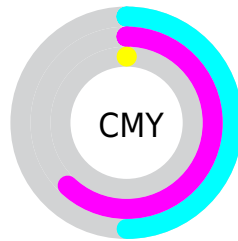
- Red (50%)
- Green (38%)
- Blue (100%)



- Red (50%)
- Yellow (38%)
- Blue (100%)



- Cyan (50%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F62FF 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 7F62FF by changing the saturation by 10% instead.

7F62FF

7F62FF

FFFFFF

6049E2

BC96FF

3E31C5

DAB1FF

0719A9

F9CDFF

00018E

FFEAFF

000073

00005A

000741

00032A

000114

 7F62FF

 7F62FF

 6A49FF

 947BFF

 552FFF

 A995FF

 4116FF

 BD AFFF

 2F00FF

 D2C8FF

 E7E2FF

 FCFBFF

FFFFFF

Harmonies

Analogous

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



0085FF



7F62FF



DD22C2

Triad

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



7F62FF



CC5D00



009C85

Complementary

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



7F62FF



E2FF62

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.



009832



7F62FF



907E00

Square

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



7F62FF



F4212B



388F00



009CD2

Rectangle

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



7F62FF



F80090



388F00



009B6A

Sweetspot

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



7F62FF



DAD1FF



62E2FF



696380



000000



808080

Same Dimension

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



7F62FF



6542FF



CD62FF



757380



2300BF



0C0040

Inverse Universe

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



FF62E2



FF42DC



94FF62



80737D



BF009C



400034

Previews

White Background



This preview shows how the Hex color 7F62FF looks on a white background.

Color Contrast Check

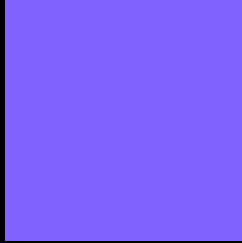
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F62FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

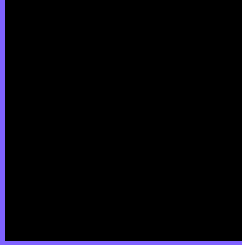
Any Text WCAG AA ✓ Pass

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 7F62FF Background



This preview shows how black text looks on a background with the Hex color 7F62FF.




This preview shows how white text looks on a background with the Hex color 7F62FF.

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](#).

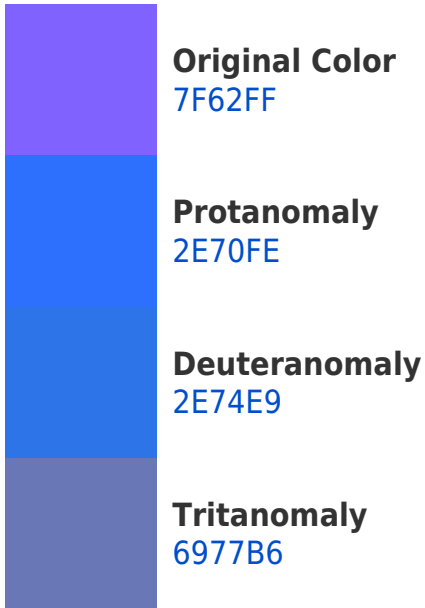
Dichromacy



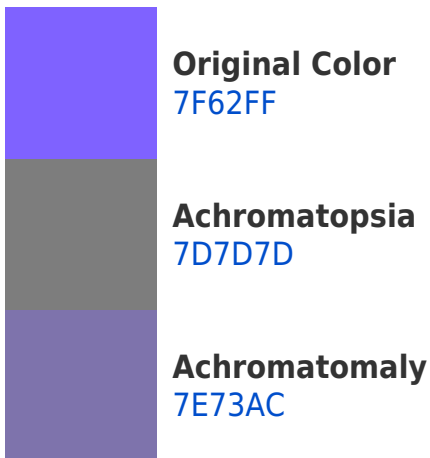


Tritanopia
5D838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F62FF 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 #7F62FF looks like.

```
.text, #text, p{  
    color:#7F62FF  
}
```

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 #7F62FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F62FF
}
```

Border

The CSS property to change the border of an element to Hex 7F62FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

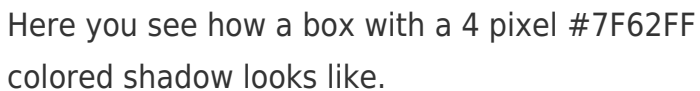
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F62FF }
```

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

```
.border{ border-color:#7F62FF }
```

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



Here you see how a box with a 4 pixel #7F62FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F62FF; -webkit-box-shadow:4px 4px  
4px 4px #7F62FF; box-shadow:4px 4px 4px  
4px #7F62FF }
```

Background

The CSS property to change the background color of an element to Hex 7F62FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F62FF }
```

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

```
.background{ background-color:#7F62FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor