

Converting Colors

Hex(7C42FF)

Have a look what the booklet for
Hex(7C42FF) contains.

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Color

Hex(7C42FF)

Conversions

Conversions Part 1

Format	Color
Hex	7C42FF
RGB	124, 66, 255
RGB Percent	49%, 26%, 100%
CMY	0.5137, 0.7412, 0.0000
CMYK	0.51, 0.74, 0.00, 0.00
HSL	258°, 100%, 63%
HSV	258°, 74%, 100%
XYZ	28.3104, 15.4015, 96.0884
YIQ	104.8880, -26.1010, 71.0750

Conversions

Conversions Part 2

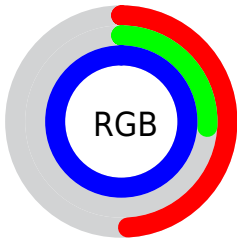
Format	Color
RYB	124, 66, 255
Decimal	8143615
CIELab	46.18, 65.90, -84.63
CIELCh	46, 107.265, 307.908
Yxy	15.4015, 0.2025, 0.1102
Android (android.graphics.Color)	4286333695 (0xFF7C42FF)
YUV	104.8880, 74.0052, 16.7612
Hunter-Lab	39.2448, 60.0880, -117.6966

Details

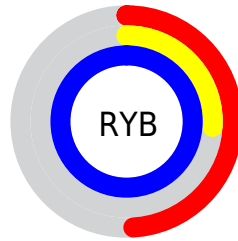
The Hex color **7C42FF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **C5FF42**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **BA77FF**, and **3501C5** is the 20% darker color. If you saturate the color by 10%, you get **6A28FF**, and if you desaturate by 10%, it is **8E5BFF**.

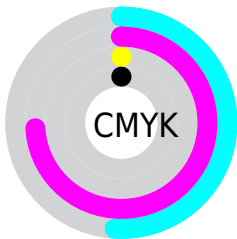
Distribution



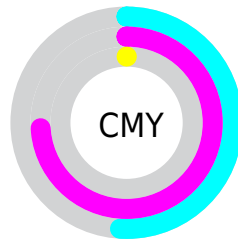
- Red (49%)
- Green (26%)
- Blue (100%)



- Red (49%)
- Yellow (26%)
- Blue (100%)



- Cyan (51%)
- Magenta (74%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (74%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C42FF 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 7C42FF by changing the saturation by 10% instead.

 7C42FF

 7C42FF

FFFFFF

 5B26E2

 BA77FF

 3501C5

 D993FF

 0000A9

 F9AEFF

 00008D

 FFCBFF

 000073

 FFE8FF

 000859

 000740

 000329

 000113

 7C42FF

 7C42FF

 6A28FF

 8E5BFF

 590FFF

 9F75FF

 4E00FF

 B18FFF

 C3A8FF

 D4C2FF

 E6DBFF

 F8F4FF

FFFFFF

Harmonies

Analogous

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



0075FF



7C42FF



E300B3

Triad

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



7C42FF



B94C00



008D84

Complementary

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



7C42FF



C5FF42

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.



008A1F



7C42FF



707200

Square

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



7C42FF



EC0000



008300



008FDC

Rectangle

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



7C42FF



FC0078



008300



008D65

Sweetspot

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



7C42FF



D8C7FF



42C6FF



695E80



000000



808080

Same Dimension

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



7C42FF



621CFF



D942FF



777380



3B00BF



140040

Inverse Universe

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



FF42C5



FF1CB9



68FF42



80737C



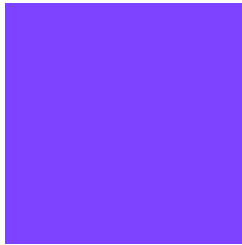
BF0085



40002C

Previews

White Background



This preview shows how the Hex color 7C42FF looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

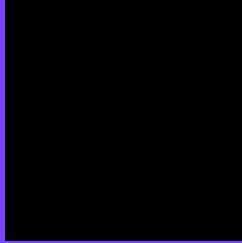
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 7C42FF Background



This preview shows how black text looks on a background with the Hex color 7C42FF.



This preview shows how white text looks on a background with the Hex color 7C42FF.

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](#).

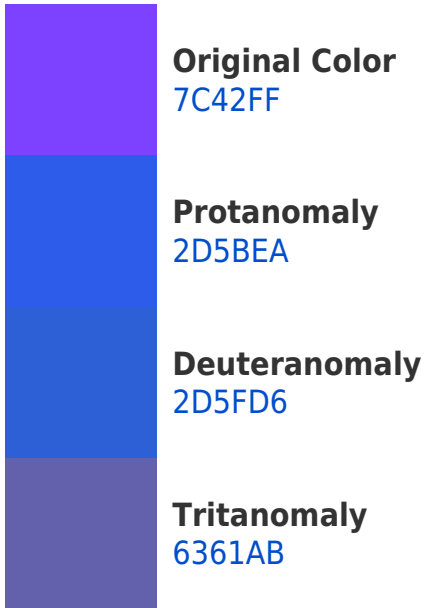
Dichromacy



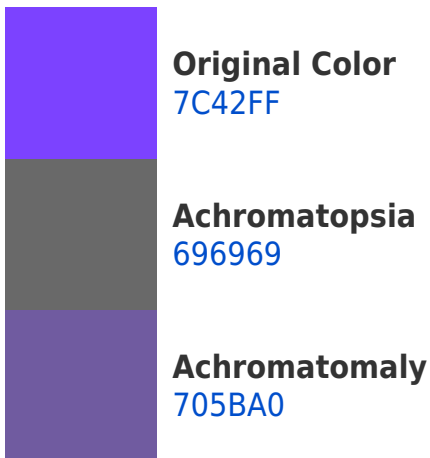


Tritanopia
54727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C42FF 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 #7C42FF looks like.

```
.text, #text, p{  
  color:#7C42FF  
}
```

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 #7C42FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C42FF
}
```

Border

The CSS property to change the border of an element to Hex 7C42FF 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
#7C42FF }
```

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

```
.border{ border-color:#7C42FF }
```

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

Here you see how a box with a 4 pixel #7C42FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C42FF; -webkit-box-shadow:4px 4px  
4px 4px #7C42FF; box-shadow:4px 4px 4px  
4px #7C42FF }
```

Background

The CSS property to change the background color of an element to Hex 7C42FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C42FF }
```

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

```
.background{ background-color:#7C42FF }
```

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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