

Converting Colors

Hex(7742FF)

Have a look what the booklet for
Hex(7742FF) contains.

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Color

Hex(7742FF)

Conversions

Conversions Part 1

Format	Color
Hex	7742FF
RGB	119, 66, 255
RGB Percent	47%, 26%, 100%
CMY	0.5333, 0.7412, 0.0000
CMYK	0.53, 0.74, 0.00, 0.00
HSL	257°, 100%, 63%
HSV	257°, 74%, 100%
XYZ	27.6060, 15.0384, 96.0554
YIQ	103.3930, -29.0810, 70.0150

Conversions

Conversions Part 2

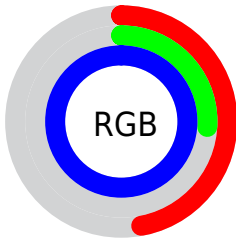
Format	Color
R _Y B	119, 66, 255
Decimal	7815935
CIE Lab	45.69, 65.23, -85.46
CIE LCh	46, 107.511, 307.356
Yxy	15.0384, 0.1990, 0.1084
Android (android.graphics.Color)	4286006015 (0xFF7742FF)
YUV	103.3930, 74.7423, 13.6873
Hunter-Lab	38.7793, 59.2055, -119.7143

Details

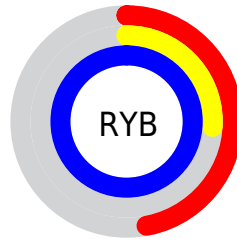
The Hex color **7742FF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **CAFF42**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **B677FF**, and **2D03C5** is the 20% darker color. If you saturate the color by 10%, you get **6528FF**, and if you desaturate by 10%, it is **895BFF**.

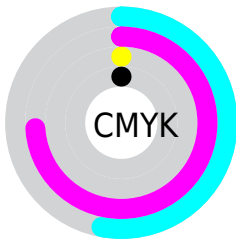
Distribution



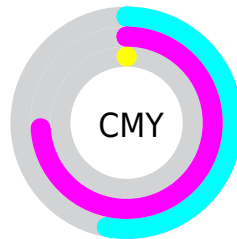
- Red (47%)
- Green (26%)
- Blue (100%)



- Red (47%)
- Yellow (26%)
- Blue (100%)



- Cyan (53%)
- Magenta (74%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (74%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7742FF 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 7742FF by changing the saturation by 10% instead.

 7742FF

 7742FF

FFFFFF

 5527E2

 B677FF

 2D03C5

 D592FF

 0000A9

 F4AEFF

 00008D

 FFCAFF

 000073

 FFE7FF

 000A59

 000740


 000329

 000113

 7742FF

 7742FF

 6528FF

 895BFF

 520FFF

 9C75FF

 4800FF

 AE8FFF

 C0A8FF

 D3C2FF

 E5DBFF

 F7F4FF

FFFFFF

Harmonies

Analogous

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



0074FF



7742FF



E100B4

Triad

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



7742FF



B94A00



008C81

Complementary

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



7742FF



CAFF42

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.



00891B



7742FF



717100

Square

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



7742FF



EB0000



008200



008DDA

Rectangle

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



7742FF



FA0079



008200



008B62

Sweetspot

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



7742FF



D7C7FF



42CDFF



685E80



000000



808080

Same Dimension

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



7742FF



5C1CFF



D342FF



767380



3600BF



120040

Inverse Universe

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



FF42CA



FF1CBF



6EFF42



80737C



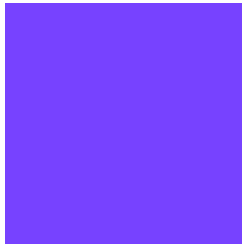
BF008A



40002E

Previews

White Background



This preview shows how the Hex color 7742FF looks on a white background.

Color Contrast Check

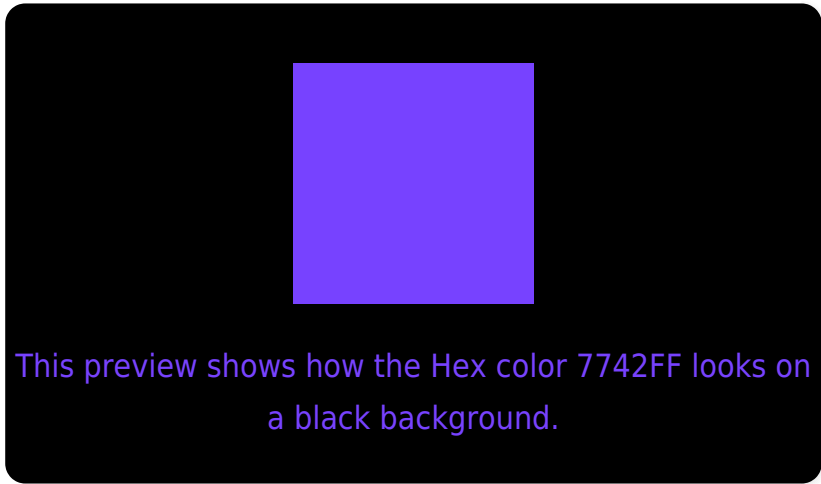
Large Text (above 18pt) WCAG AA ✓ Pass

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

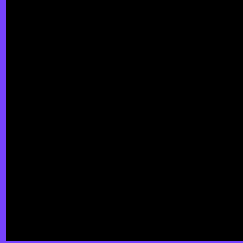
Any Text WCAG AA × Fail

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 7742FF Background



This preview shows how black text looks on a background with the Hex color 7742FF.

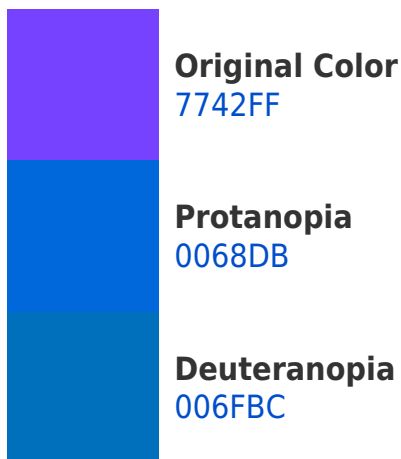


This preview shows how white text looks on a background with the Hex color 7742FF.

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](#).

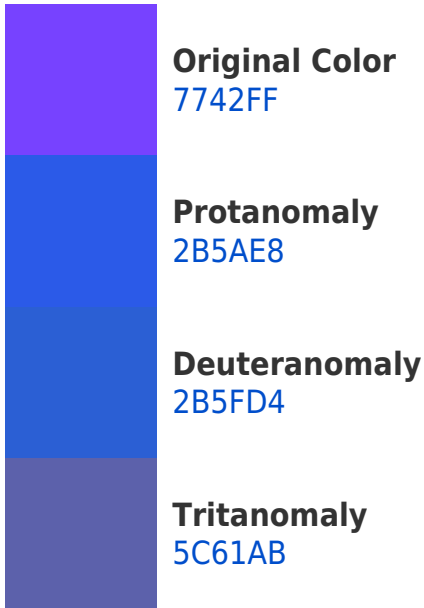
Dichromacy



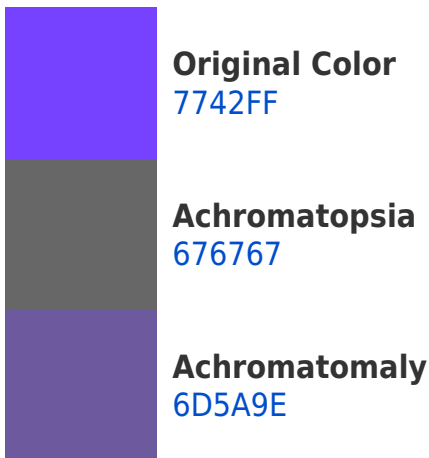


Tritanopia
4C727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7742FF 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 #7742FF looks like.

```
.text, #text, p{  
    color:#7742FF  
}
```

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 #7742FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7742FF
}
```

Border

The CSS property to change the border of an element to Hex 7742FF 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
#7742FF }
```

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

```
.border{ border-color:#7742FF }
```

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

Here you see how a box with a 4 pixel #7742FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7742FF; -webkit-box-shadow:4px 4px  
4px 4px #7742FF; box-shadow:4px 4px 4px  
4px #7742FF }
```

Background

The CSS property to change the background color of an element to Hex 7742FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7742FF }
```

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

```
.background{ background-color:#7742FF }
```

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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