

Converting Colors

Hex(7588FF)

Have a look what the booklet for
Hex(7588FF) contains.

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Color

Hex(7588FF)

Conversions

Conversions Part 1

Format	Color
Hex	7588FF
RGB	117, 136, 255
RGB Percent	46%, 53%, 100%
CMY	0.5412, 0.4667, 0.0000
CMYK	0.54, 0.47, 0.00, 0.00
HSL	232°, 100%, 73%
HSV	232°, 54%, 100%
XYZ	34.1903, 28.6102, 98.3280
YIQ	143.8850, -49.5230, 32.9810

Conversions

Conversions Part 2

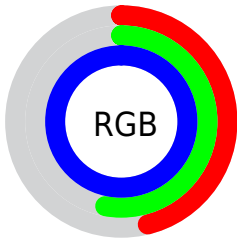
Format	Color
RYB	117, 134, 255
Decimal	7702783
CIELab	60.44, 26.13, -61.53
CIElCh	60, 66.849, 293.010
Yxy	28.6102, 0.2122, 0.1776
Android (android.graphics.Color)	4285892863 (0xFF7588FF)
YUV	143.8850, 54.7797, -23.5781
Hunter-Lab	53.4885, 20.4936, -71.5509

Details

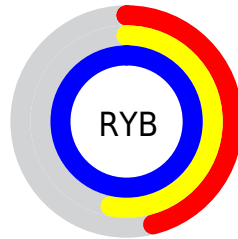
The Hex color **7588FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFEC75**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B1BDFF**, and **3357C5** is the 20% darker color. If you saturate the color by 10%, you get **5B72FF**, and if you desaturate by 10%, it is **8F9EFF**.

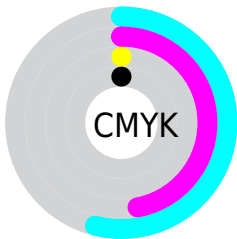
Distribution



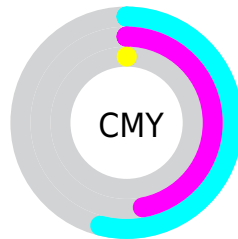
- Red (46%)
- Green (53%)
- Blue (100%)



- Red (46%)
- Yellow (53%)
- Blue (100%)



- Cyan (54%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7588FF 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 7588FF by changing the saturation by 10% instead.

 7588FF

 7588FF

FFFFFF

 566FE2

 B1BDFF

 3357C5

 CFD9FF

 0040AA

 EDF5FF

 002B8F

 001874

 00005B

 000742

 00032B

 000116

 7588FF

 7588FF

 5B72FF

 8F9EFF

 425CFF

 A8B4FF

 2846FF

 C2CAFF

 0F30FF

 DBE0FF

 0023FF

 F4F6FF

FFFFFF

Harmonies

Analogous

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



009DFF



7588FF



CB6DDA

Triad

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



7588FF



E47232



00AC81

Complementary

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



7588FF



FFEC75

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.



2DA746



7588FF



BA8A00

Square

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



7588FF



FA5A67



829C0B



00ADBE

Rectangle

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



7588FF



EA5CB6



829C0B



00AB6D

Sweetspot

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



7588FF



D6DCFF



75FFEA



676B80



000000



808080

Same Dimension

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



7588FF



5970FF



A575FF



737580



001ABF



000940

Inverse Universe

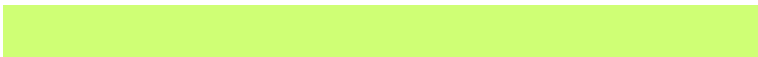
The Inverse Universe completely reimagines the original color for something new.



FF7588



FF5970



CFFF75



807375



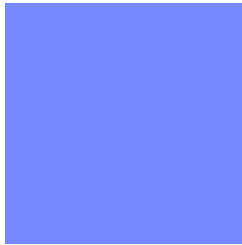
BF001A



400009

Previews

White Background



This preview shows how the Hex color 7588FF looks on a white background.

Color Contrast Check

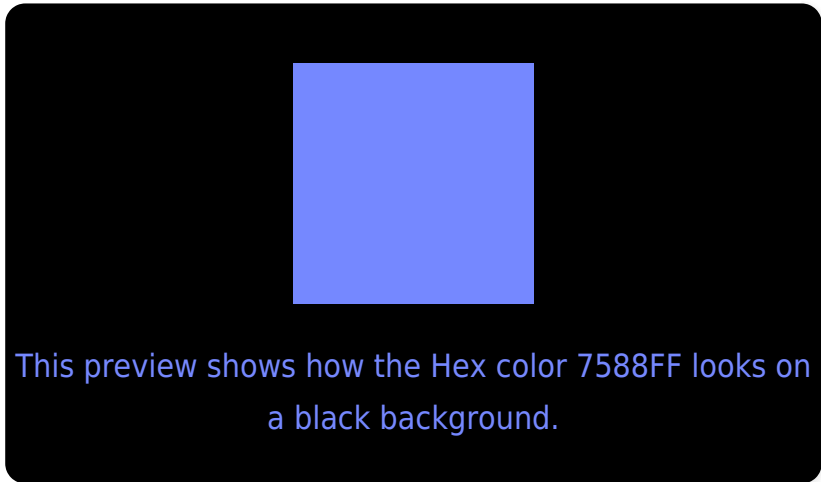
Large Text (above 18pt) WCAG AA ✓ Pass

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

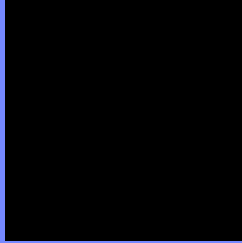
Any Text WCAG AA ✓ Pass

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 7588FF Background



This preview shows how black text looks on a background with the Hex color 7588FF.

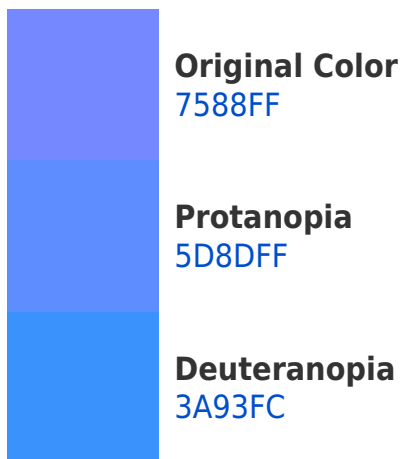


This preview shows how white text looks on a background with the Hex color 7588FF.

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](#).

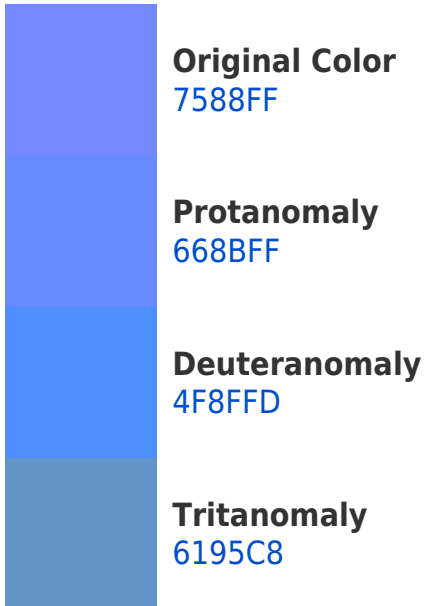
Dichromacy



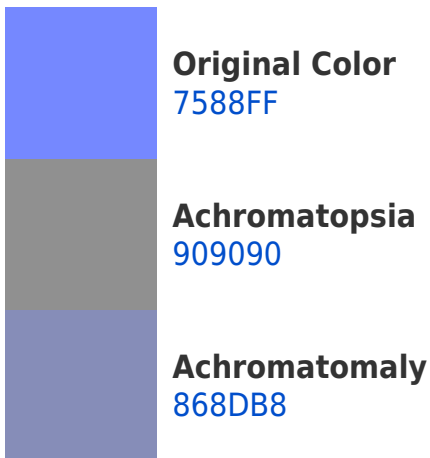


Tritanopia
569CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7588FF 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 #7588FF looks like.

```
.text, #text, p{  
    color:#7588FF  
}
```

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 #7588FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7588FF
}
```

Border

The CSS property to change the border of an element to Hex 7588FF 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
#7588FF }
```

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

```
.border{ border-color:#7588FF }
```

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

Here you see how a box with a 4 pixel #7588FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7588FF; -webkit-box-shadow:4px 4px  
4px 4px #7588FF; box-shadow:4px 4px 4px  
4px #7588FF }
```

Background

The CSS property to change the background color of an element to Hex 7588FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7588FF }
```

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

```
.background{ background-color:#7588FF }
```

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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