

Converting Colors

Hex(7698FA)

Have a look what the booklet for
Hex(7698FA) contains.

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Color

Hex(7698FA)

Conversions

Conversions Part 1

Format	Color
Hex	7698FA
RGB	118, 152, 250
RGB Percent	46%, 60%, 98%
CMY	0.5373, 0.4039, 0.0196
CMYK	0.53, 0.39, 0.00, 0.02
HSL	225°, 93%, 72%
HSV	225°, 53%, 98%
XYZ	35.9548, 33.2102, 94.9577
YIQ	153.0060, -51.7220, 23.2700

Conversions

Conversions Part 2

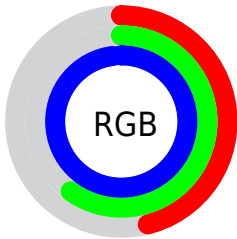
Format	Color
RYB	118, 145, 250
Decimal	7772410
CIELab	64.33, 15.36, -52.58
CIElCh	64, 54.778, 286.283
Yxy	33.2102, 0.2191, 0.2023
Android (android.graphics.Color)	4285962490 (0xFF7698FA)
YUV	153.0060, 47.8180, -30.7003
Hunter-Lab	57.6283, 10.5183, -57.3561

Details

The Hex color **7698FA** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FAD876**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **B1CEFF**, and **3766C1** is the 20% darker color. If you saturate the color by 10%, you get **5D85FA**, and if you desaturate by 10%, it is **8FABFA**.

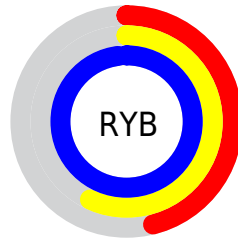
Distribution



Red (46%)

Green (60%)

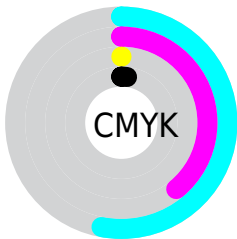
Blue (98%)



Red (46%)

Yellow (57%)

Blue (98%)

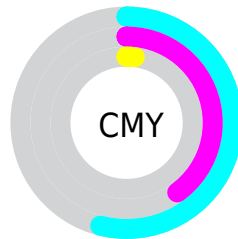


Cyan (53%)

Magenta (39%)

Yellow (0%)

Black (2%)



Cyan (54%)

Magenta (40%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7698FA 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 7698FA by changing the saturation by 10% instead.

 7698FA

 7698FA

FFFFFF

 587EDD

 B1CEFF

 3766C1

 CFEAFF

 004EA5

 EDFFFF

 00388B

 002371


 000F57

 00063F

 000328

 000112

 7698FA

 7698FA

 5D85FA

 8FABFA

 4473FA

 A8BDFa

 2B60FA

 C1D0FA

 124EFA

 DAE2FA

 0040FA

 F3F5FA

 FFFFA

Harmonies

Analogous

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



00A8FB



7698FA



C184E0

Triad

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



7698FA



EA7F57



00B383

Complementary

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



7698FA



FAD876

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.



65AD55



7698FA



CA9139

Square

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



7698FA



F77183



9DA237



00B4B6

Rectangle

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



7698FA



E078C4



9DA237



29B173

Sweetspot

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



7698FA



D6E1FF



76FAD7



676E80



000000



808080

Same Dimension

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



7698FA



5E88FF



9576FA



70747D



0031BD



00103D

Inverse Universe

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



FA7698



FF5E88



DBFA76



7D7074



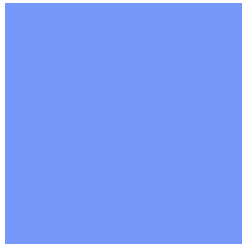
BD0031



3D0010

Previews

White Background



This preview shows how the Hex color 7698FA looks on a white background.

Color Contrast Check

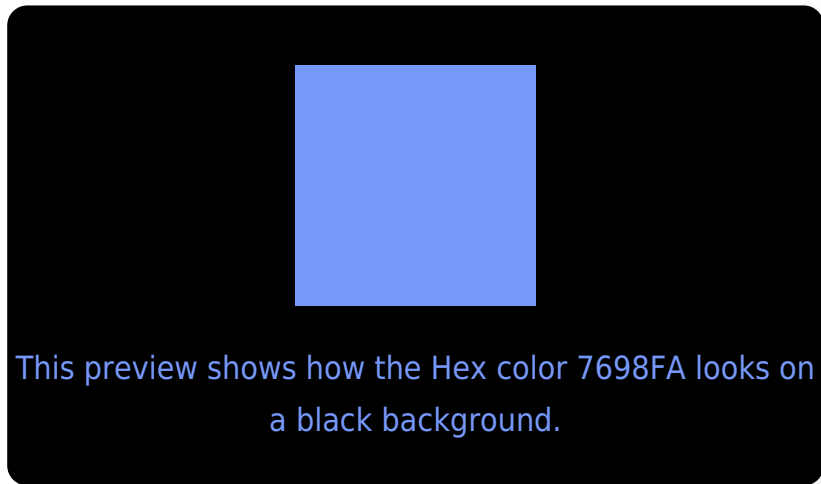
Large Text (above 18pt) WCAG AA × Fail

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

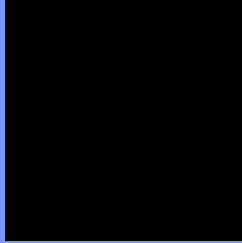
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 7698FA Background



This preview shows how black text looks on a background with the Hex color 7698FA.



This preview shows how white text looks on a background with the Hex color 7698FA.

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](#).

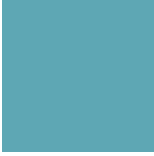
Dichromacy



Original Color
7698FA

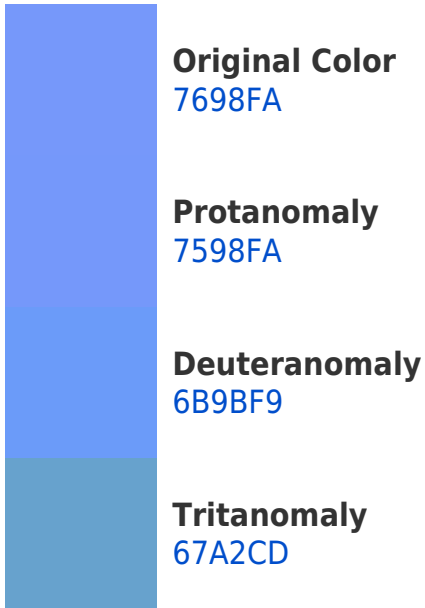
Protanopia
7598FA

Deuteranopia
659CF9



Tritanopia
5EA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7698FA 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 #7698FA looks like.

```
.text, #text, p{  
    color:#7698FA  
}
```

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 #7698FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7698FA
}
```

Border

The CSS property to change the border of an element to Hex 7698FA 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
#7698FA }
```

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

```
.border{ border-color:#7698FA }
```

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

Here you see how a box with a 4 pixel #7698FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7698FA; -webkit-box-shadow:4px 4px  
4px 4px #7698FA; box-shadow:4px 4px 4px  
4px #7698FA }
```

Background

The CSS property to change the background color of an element to Hex 7698FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7698FA }
```

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

```
.background{ background-color:#7698FA }
```

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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