

Converting Colors

Hex(7B77F8)

Have a look what the booklet for
Hex(7B77F8) contains.

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Color

Hex(7B77F8)

Conversions

Conversions Part 1

Format	Color
Hex	7B77F8
RGB	123, 119, 248
RGB Percent	48%, 47%, 97%
CMY	0.5176, 0.5333, 0.0275
CMYK	0.50, 0.52, 0.00, 0.03
HSL	242°, 90%, 72%
HSV	242°, 52%, 97%
XYZ	31.7085, 24.1819, 91.8033
YIQ	134.9020, -39.0250, 40.9670

Conversions

Conversions Part 2

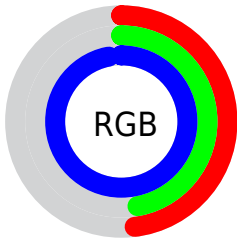
Format	Color
R _Y B	123, 119, 248
Decimal	8091640
CIE _{Lab}	56.27, 35.27, -64.34
CIE _{LCh}	56, 73.373, 298.731
Y _{xy}	24.1819, 0.2147, 0.1637
Android (android.graphics.Color)	4286281720 (0xFF7B77F8)
YUV	134.9020, 55.7573, -10.4381
Hunter-Lab	49.1751, 29.0417, -76.2638

Details

The Hex color **7B77F8** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **F4F877**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B6ABFF**, and **3C46BF** is the 20% darker color. If you saturate the color by 10%, you get **635EF8**, and if you desaturate by 10%, it is **9390F8**.

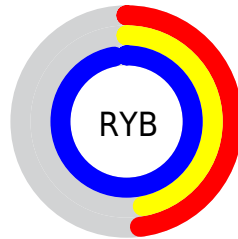
Distribution



Red (48%)

Green (47%)

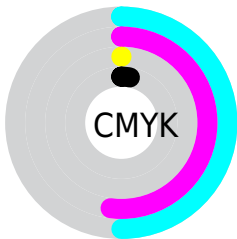
Blue (97%)



Red (48%)

Yellow (47%)

Blue (97%)

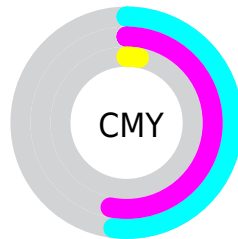


Cyan (50%)

Magenta (52%)

Yellow (0%)

Black (3%)



Cyan (52%)

Magenta (53%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B77F8 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 7B77F8 by changing the saturation by 10% instead.

 7B77F8

 7B77F8

FFFFFF

 5D5EDB

 B6ABFF

 3C46BF

 D4C7FF

 0C30A3

 F2E3FF

 001B88

 00086E

 000055

 00063C

 000226

 00010E

 7B77F8

 7B77F8

 635EF8

 9390F8

 4B45F8

 ABA9F8

 332DF8

 C3C1F8

 1B14F8

 DBDAF8

 0800F8

 F3F3F8

 FFFFF8

Harmonies

Analogous

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



0090FF



7B77F8



D055CA

Triad

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



7B77F8



D56909



00A382

Complementary

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



7B77F8



F4F877

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.



009E3F



7B77F8



A58300

Square

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



7B77F8



F2494E



669500



00A3C3

Rectangle

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



7B77F8



EC41A2



669500



00A26C

Sweetspot

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



7B77F8



D7D6FF



77F6F8



686780



000000



808080

Same Dimension

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



7B77F8



6661FF



BA77F8



71707D



0600BD



02003D

Inverse Universe

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



F877F4



FF61FA



B5F877



7D707D



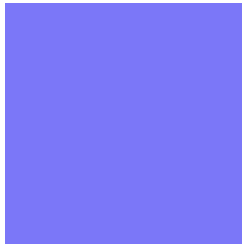
BD00B7



3D003B

Previews

White Background



This preview shows how the Hex color 7B77F8 looks on a white background.

Color Contrast Check

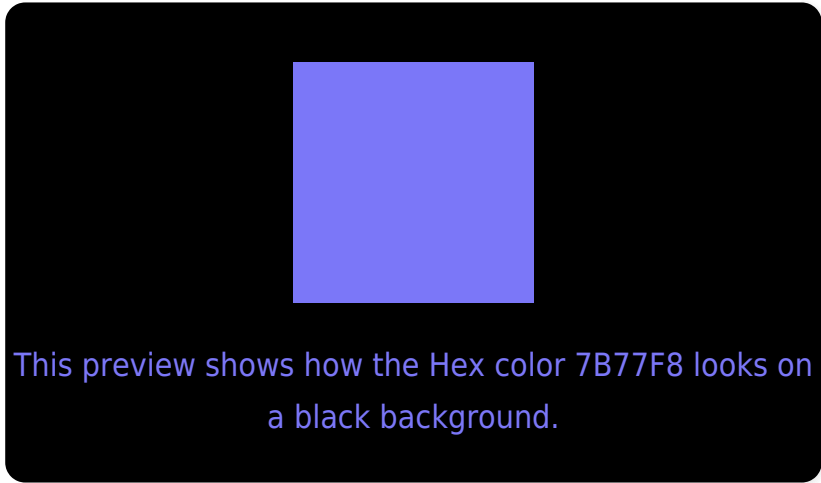
Large Text (above 18pt) WCAG AA ✓ Pass

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

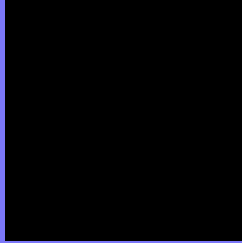
Any Text WCAG AA ✓ Pass

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 7B77F8 Background



This preview shows how black text looks on a background with the Hex color 7B77F8.



This preview shows how white text looks on a background with the Hex color 7B77F8.

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](#).

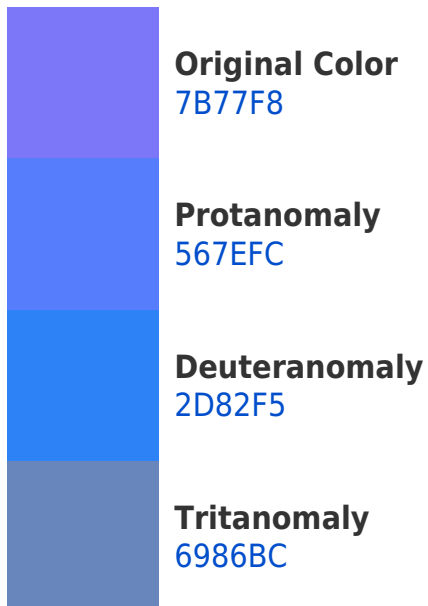
Dichromacy



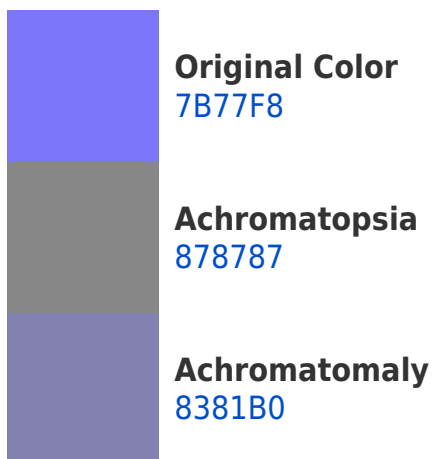


Tritanopia
5E8E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B77F8 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 #7B77F8 looks like.

```
.text, #text, p{  
    color:#7B77F8  
}
```

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 #7B77F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B77F8
}
```

Border

The CSS property to change the border of an element to Hex 7B77F8 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
#7B77F8 }
```

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

```
.border{ border-color:#7B77F8 }
```

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

Here you see how a box with a 4 pixel #7B77F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B77F8; -webkit-box-shadow:4px 4px  
4px 4px #7B77F8; box-shadow:4px 4px 4px  
4px #7B77F8 }
```

Background

The CSS property to change the background color of an element to Hex 7B77F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B77F8 }
```

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

```
.background{ background-color:#7B77F8 }
```

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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