

Converting Colors

Hex(7B82F3)

Have a look what the booklet for
Hex(7B82F3) contains.

Hex(7B82F3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7B82F3)

Conversions

Conversions Part 1

Format	Color
Hex	7B82F3
RGB	123, 130, 243
RGB Percent	48%, 51%, 95%
CMY	0.5176, 0.4902, 0.0471
CMYK	0.49, 0.47, 0.00, 0.05
HSL	236°, 83%, 72%
HSV	236°, 49%, 95%
XYZ	32.3287, 26.6473, 88.2336
YIQ	140.7890, -40.4450, 33.6590

Conversions

Conversions Part 2

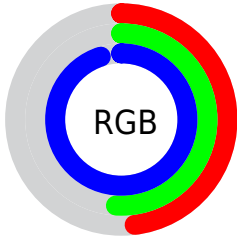
Format	Color
R _Y B	123, 130, 243
Decimal	8094451
CIE Lab	58.65, 27.27, -57.76
CIE LCh	59, 63.874, 295.274
Yxy	26.6473, 0.2196, 0.1810
Android (android.graphics.Color)	4286284531 (0xFF7B82F3)
YUV	140.7890, 50.3900, -15.6010
Hunter-Lab	51.6210, 21.4524, -65.2071

Details

The Hex color **7B82F3** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F3EC7B**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B5B7FF**, and **3E51BA** is the 20% darker color. If you saturate the color by 10%, you get **636BF3**, and if you desaturate by 10%, it is **9399F3**.

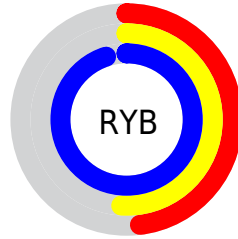
Distribution



Red (48%)

Green (51%)

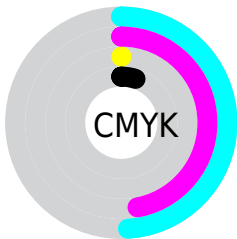
Blue (95%)



Red (48%)

Yellow (51%)

Blue (95%)

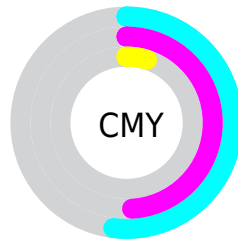


Cyan (49%)

Magenta (47%)

Yellow (0%)

Black (5%)



Cyan (52%)

Magenta (49%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B82F3 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 7B82F3 by changing the saturation by 10% instead.

7B82F3

7B82F3

FFFFFF

5D69D6

B5B7FF

3E51BA

D3D2FF

153A9F

F1EFFF

002584

00126A

000051

000539

000223

000009

 7B82F3

 7B82F3

 636BF3

 9399F3

 4A54F3

 ACB0F3

 323DF3

 C4C7F3

 1A26F3

 DCDEF3

 0210F3

 F4F4F3

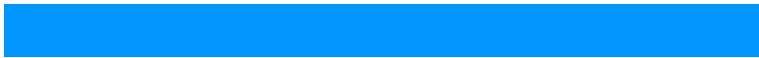
 000EF3

 FFFFF3

Harmonies

Analogous

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



0096FD



7B82F3



C868CE

Triad

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



7B82F3



D9712F



00A682

Complementary

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



7B82F3



F3EC7B

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.



24A249



7B82F3



B08700

Square

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



7B82F3



EF5A61



7A9816



00A7BB

Rectangle

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



7B82F3



E45AAB



7A9816



00A56F

Sweetspot

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



7B82F3



D9DBFF



7BF3EB



696A80



000000



808080

Same Dimension

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



7B82F3



6971FF



AF7BF3



6E6F7A



000BBA



00033B

Inverse Universe

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



F37B82



FF6971



BFF37B



7A6E6F



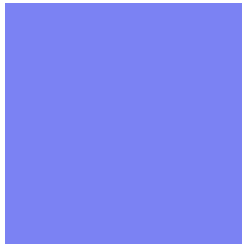
BA000B



3B0003

Previews

White Background



This preview shows how the Hex color 7B82F3 looks on a white background.

Color Contrast Check

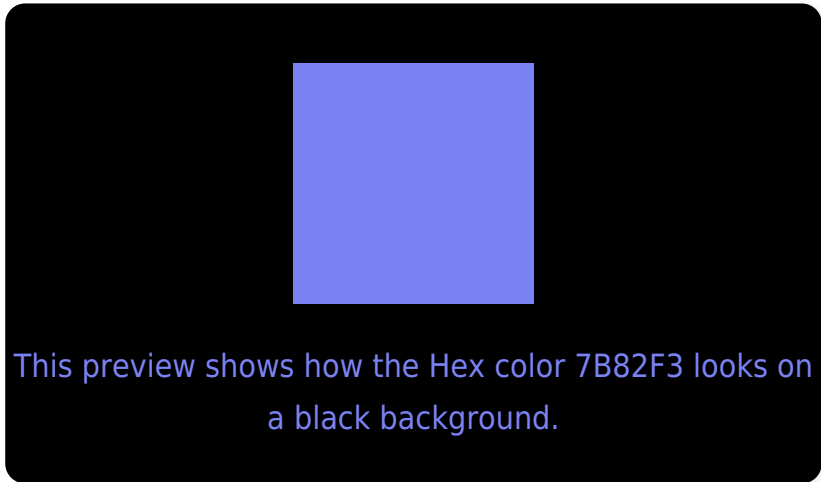
Large Text (above 18pt) WCAG AA ✓ Pass

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

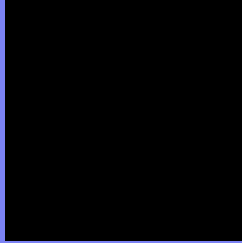
Any Text WCAG AA ✓ Pass

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 7B82F3 Background



This preview shows how black text looks on a background with the Hex color 7B82F3.



This preview shows how white text looks on a background with the Hex color 7B82F3.

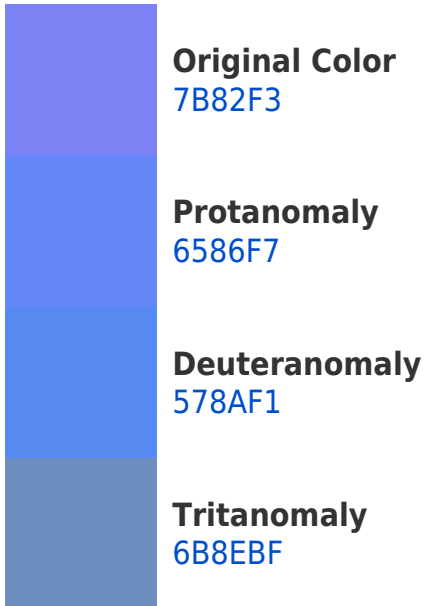
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B82F3 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 #7B82F3 looks like.

```
.text, #text, p{  
    color:#7B82F3  
}
```

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 #7B82F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B82F3
}
```

Border

The CSS property to change the border of an element to Hex 7B82F3 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
#7B82F3 }
```

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

```
.border{ border-color:#7B82F3 }
```

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

Here you see how a box with a 4 pixel #7B82F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B82F3; -webkit-box-shadow:4px 4px  
4px 4px #7B82F3; box-shadow:4px 4px 4px  
4px #7B82F3 }
```

Background

The CSS property to change the background color of an element to Hex 7B82F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B82F3 }
```

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

```
.background{ background-color:#7B82F3 }
```

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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