

Converting Colors

Hex(7B84ED)

Have a look what the booklet for
Hex(7B84ED) contains.

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Color

Hex(7B84ED)

Conversions

Conversions Part 1

Format	Color
Hex	7B84ED
RGB	123, 132, 237
RGB Percent	48%, 52%, 93%
CMY	0.5176, 0.4824, 0.0706
CMYK	0.48, 0.44, 0.00, 0.07
HSL	235°, 76%, 71%
HSV	235°, 48%, 93%
XYZ	31.7057, 26.8279, 83.6280
YIQ	141.2790, -39.0690, 30.7470

Conversions

Conversions Part 2

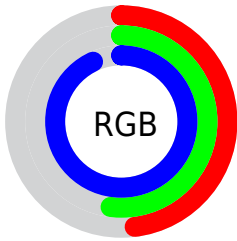
Format	Color
RYB	123, 131, 237
Decimal	8094957
CIELab	58.81, 24.29, -54.17
CIELCh	59, 59.364, 294.151
Yxy	26.8279, 0.2230, 0.1887
Android (android.graphics.Color)	4286285037 (0xFF7B84ED)
YUV	141.2790, 47.1905, -16.0307
Hunter-Lab	51.7957, 18.6229, -59.4712

Details

The Hex color **7B84ED** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **EDE47B**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B5B9FF**, and **4053B4** is the 20% darker color. If you saturate the color by 10%, you get **636EED**, and if you desaturate by 10%, it is **939AED**.

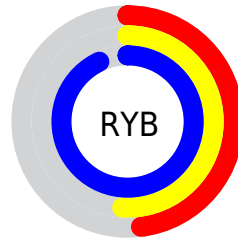
Distribution



Red (48%)

Green (52%)

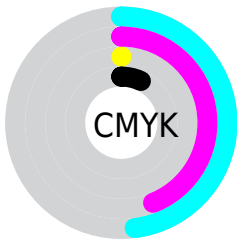
Blue (93%)



Red (48%)

Yellow (51%)

Blue (93%)

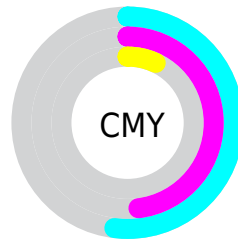


Cyan (48%)

Magenta (44%)

Yellow (0%)

Black (7%)



Cyan (52%)

Magenta (48%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B84ED 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 7B84ED by changing the saturation by 10% instead.

 7B84ED

 7B84ED

FFFFFF

 5E6BD0


 B5B9FF

 4053B4

 D2D5FF

 1B3C99

 F0F1FF


 00277F

 001465

 00004C

 000535

 00021E

 000001

 7B84ED

 7B84ED

 636EED

 939AED

 4C58ED

 AAB0ED

 3443ED

 C2C5ED

 1C2DED

 DADBED

 0417ED

 F2F1ED

 0013ED

 FFFFED

Harmonies

Analogous

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



0097F5



7B84ED



C36DCB

Triad

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



7B84ED



D67339



00A681

Complementary

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



7B84ED



EDE47B

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.



38A14D



7B84ED



B18719

Square

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



7B84ED



EA6066



7F9723



00A6B7

Rectangle

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



7B84ED



DE60AB



7F9723



00A46F

Sweetspot

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



7B84ED



DBDEFF



7BEDE3



6A6C80



000000



808080

Same Dimension

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



7B84ED



6B77FF



AB7BED



6A6A75



000EB5



000436

Inverse Universe

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



ED7B84



FF6B77



BEED7B



756A6A



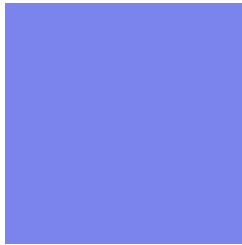
B5000E



360004

Previews

White Background



This preview shows how the Hex color 7B84ED looks on a white background.

Color Contrast Check

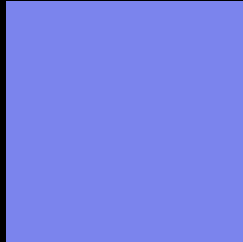
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 7B84ED looks on a 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 7B84ED Background



This preview shows how black text looks on a background with the Hex color 7B84ED.

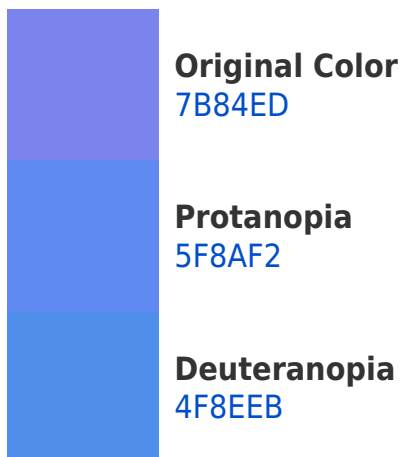


This preview shows how white text looks on a background with the Hex color 7B84ED.

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](#).

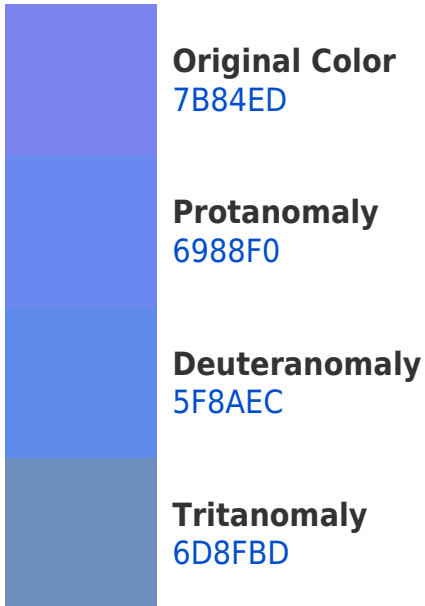
Dichromacy





Tritanopia
6595A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B84ED 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 #7B84ED looks like.

```
.text, #text, p{  
    color:#7B84ED  
}
```

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 #7B84ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B84ED
}
```

Border

The CSS property to change the border of an element to Hex 7B84ED 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
#7B84ED }
```

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

```
.border{ border-color:#7B84ED }
```

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

Here you see how a box with a 4 pixel #7B84ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B84ED; -webkit-box-shadow:4px 4px  
4px 4px #7B84ED; box-shadow:4px 4px 4px  
4px #7B84ED }
```

Background

The CSS property to change the background color of an element to Hex 7B84ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B84ED }
```

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

```
.background{ background-color:#7B84ED }
```

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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