

Converting Colors

Hex(7B87E3)

Have a look what the booklet for
Hex(7B87E3) contains.

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Color

Hex(7B87E3)

Conversions

Conversions Part 1

Format	Color
Hex	7B87E3
RGB	123, 135, 227
RGB Percent	48%, 53%, 89%
CMY	0.5176, 0.4706, 0.1098
CMYK	0.46, 0.41, 0.00, 0.11
HSL	233°, 65%, 69%
HSV	233°, 46%, 89%
XYZ	30.6975, 27.0850, 76.2830
YIQ	141.9000, -36.6840, 26.0680

Conversions

Conversions Part 2

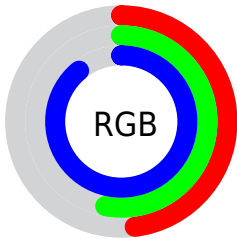
Format	Color
RYB	123, 134, 227
Decimal	8095715
CIELab	59.05, 19.55, -48.23
CIELCh	59, 52.040, 292.062
Yxy	27.0850, 0.2290, 0.2020
Android (android.graphics.Color)	4286285795 (0xFF7B87E3)
YUV	141.9000, 41.9543, -16.5753
Hunter-Lab	52.0432, 14.2119, -50.4749

Details

The Hex color **7B87E3** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E3D77B**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B4BCFF**, and **4256AB** is the 20% darker color. If you saturate the color by 10%, you get **6473E3**, and if you desaturate by 10%, it is **929BE3**.

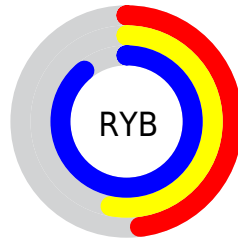
Distribution



Red (48%)

Green (53%)

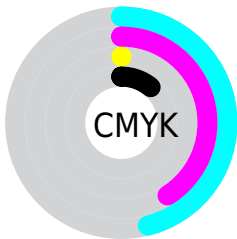
Blue (89%)



Red (48%)

Yellow (53%)

Blue (89%)

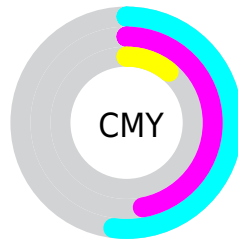


Cyan (46%)

Magenta (41%)

Yellow (0%)

Black (11%)



Cyan (52%)

Magenta (47%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B87E3 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 7B87E3 by changing the saturation by 10% instead.

■ 7B87E3

■ 7B87E3

FFFFFF

■ 5F6EC7

■ B4BCFF

■ 4256AB

■ D1D8FF

■ 213F90

■ EEF4FF

■ 002976

■ 00165D

■ 000045

■ 00032D

■ 000118

■ 000000

 7B87E3

 7B87E3

 6473E3

 929BE3

 4E5FE3

 A8AFE3

 374BE3

 BFC3E3

 2037E3

 D6D7E3

 0A23E3

 ECEBE3

 001AE3

 FFFF E3

Harmonies

Analogous

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



0097E8



7B87E3



BA74C7

Triad

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



7B87E3



D27647



00A480

Complementary

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



7B87E3



E3D77B

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.



4E9F53



7B87E3



B2882F

Square

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



7B87E3



E2686E



869633



00A4AF

Rectangle

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



7B87E3



D36AAB



869633



00A370

Sweetspot

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



7B87E3



DBDFFF



7BE3D7



6A6C80



000000



808080

Same Dimension

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



7B87E3



7383FF



A37BE3



676973



0015B3



000633

Inverse Universe

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



E37B87



FF7383



BBE37B



736769



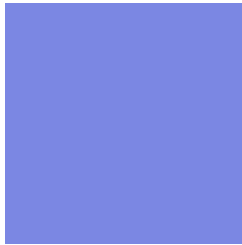
B30015



330006

Previews

White Background



This preview shows how the Hex color 7B87E3 looks on a white background.

Color Contrast Check

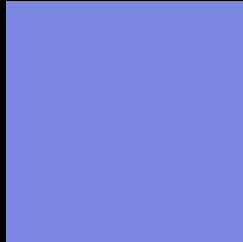
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B87E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

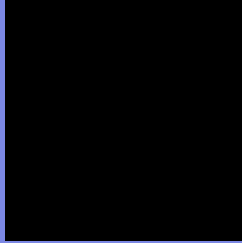
Any Text WCAG AA ✓ Pass

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 7B87E3 Background



This preview shows how black text looks on a background with the Hex color 7B87E3.



This preview shows how white text looks on a background with the Hex color 7B87E3.

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](#).

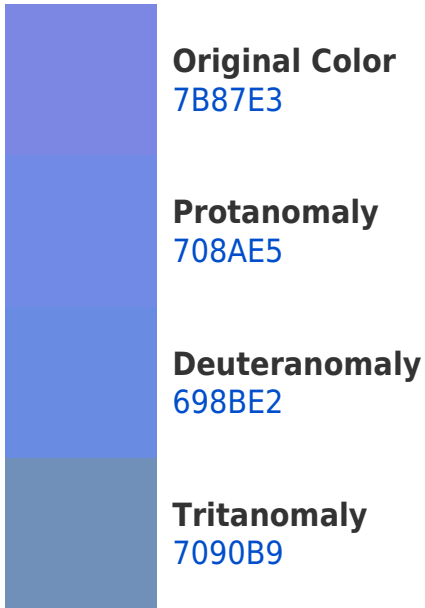
Dichromacy



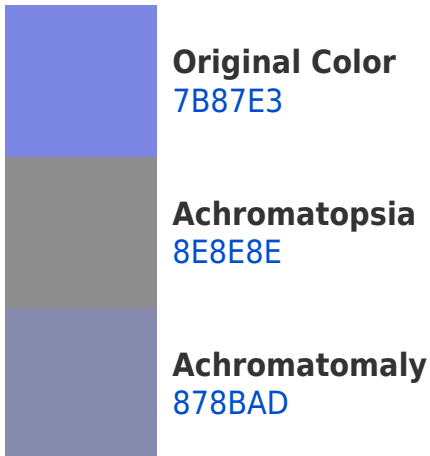


Tritanopia
6995A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B87E3 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 #7B87E3 looks like.

```
.text, #text, p{  
    color:#7B87E3  
}
```

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 #7B87E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B87E3
}
```

Border

The CSS property to change the border of an element to Hex 7B87E3 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
#7B87E3 }
```

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

```
.border{ border-color:#7B87E3 }
```

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

Here you see how a box with a 4 pixel #7B87E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B87E3; -webkit-box-shadow:4px 4px  
4px 4px #7B87E3; box-shadow:4px 4px 4px  
4px #7B87E3 }
```

Background

The CSS property to change the background color of an element to Hex 7B87E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B87E3 }
```

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

```
.background{ background-color:#7B87E3 }
```

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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