

Converting Colors

Hex(7C80E8)

Have a look what the booklet for
Hex(7C80E8) contains.

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Color

Hex(7C80E8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7C80E8 |
| RGB | 124, 128, 232 |
| RGB Percent | 49%, 50%, 91% |
| CMY | 0.5137, 0.4980, 0.0902 |
| CMYK | 0.47, 0.45, 0.00, 0.09 |
| HSL | 238°, 70%, 70% |
| HSV | 238°, 47%, 91% |
| XYZ | 30.5968, 25.5496, 79.6629 |
| YIQ | 138.6600, -35.7680, 31.4960 |

Conversions

Conversions Part 2

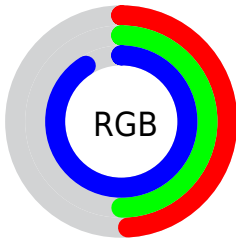
| Format | Color |
|-------------------------------------|---|
| RYB | 124, 128, 232 |
| Decimal | 8159464 |
| CIELab | 57.61, 25.40, -53.31 |
| CIElCh | 58, 59.052, 295.480 |
| Yxy | 25.5496, 0.2253, 0.1881 |
| Android (android.graphics.Color) | 4286349544 (0xFF7C80E8) |
| YUV | 138.6600, 46.0166, -12.8568 |
| Hunter-Lab | 50.5466, 19.5928, -58.0600 |

Details

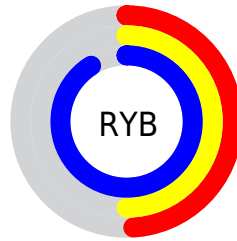
The Hex color **7C80E8** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E8E47C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B5B5FF**, and **424FB0** is the 20% darker color. If you saturate the color by 10%, you get **656AE8**, and if you desaturate by 10%, it is **9396E8**.

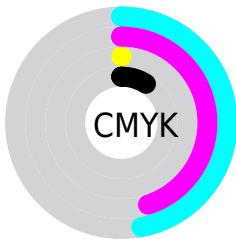
Distribution



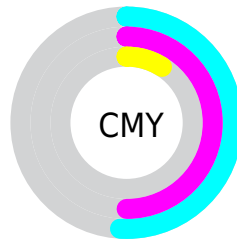
- Red (49%)
- Green (50%)
- Blue (91%)



- Red (49%)
- Yellow (50%)
- Blue (91%)



- Cyan (47%)
- Magenta (45%)
- Yellow (0%)
- Black (9%)



- Cyan (51%)
- Magenta (50%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C80E8 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 7C80E8 by changing the saturation by 10% instead.

■ 7C80E8

■ 7C80E8

FFFFFF

■ 5F67CB

■ B5B5FF

■ 424FB0

■ D3D0FF

■ 1F3895

■ F0ECFF

■ 00237A

■ 001061

■ 000048

■ 000431

■ 00011B

■ 000000

 7C80E8

 7C80E8

 656AE8

 9396E8

 4E53E8

 AAAD E8

 363DE8

 C2C3E8

 1F27E8

 D9D9E8

 0810E8

 F0F0E8

 0009E8

 FFFFE8

Harmonies

Analogous

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



0093F1



7C80E8



C169C6

Triad

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



7C80E8



D17135



00A281

Complementary

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



7C80E8



E8E47C

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.



309E4D



7C80E8



AB8515

Square

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



7C80E8



E65D61



799422



00A2B5

Rectangle

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



7C80E8



DB5DA6



799422



00A16F

Sweetspot

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



7C80E8



DBDDFF



7CE8E3



6A6B80



000000



808080

Same Dimension

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



7C80E8



7075FF



AD7CE8



676873



0007B3



000233

Inverse Universe

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



E87C80



FF7075



B7E87C



736768



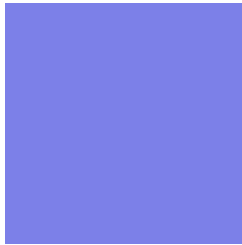
B30007



330002

Previews

White Background



This preview shows how the Hex color 7C80E8 looks on a white background.

Color Contrast Check

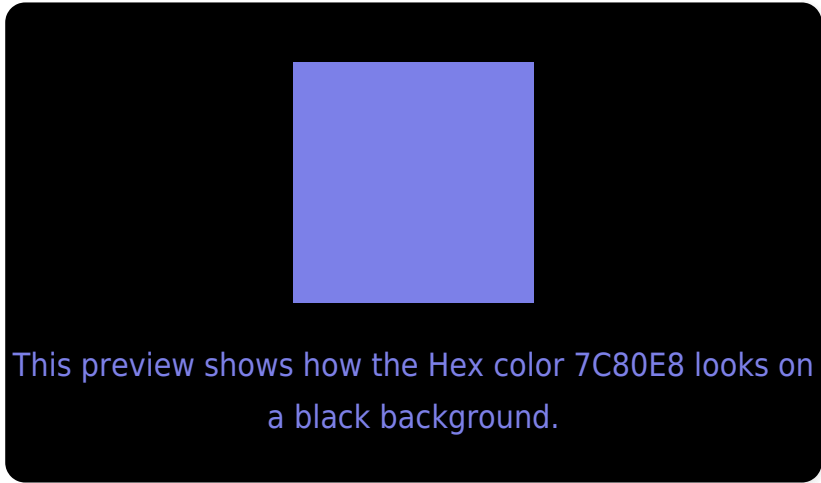
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C80E8 Background



This preview shows how black text looks on a background with the Hex color 7C80E8.




This preview shows how white text looks on a background with the Hex color 7C80E8.

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](#).

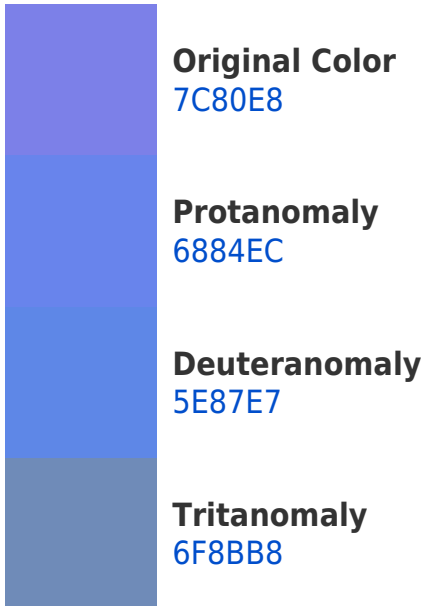
Dichromacy





Tritanopia
67919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C80E8 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 #7C80E8 looks like.

```
.text, #text, p{  
    color:#7C80E8  
}
```

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 #7C80E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C80E8
}
```

Border

The CSS property to change the border of an element to Hex 7C80E8 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
#7C80E8 }
```

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

```
.border{ border-color:#7C80E8 }
```

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

Here you see how a box with a 4 pixel #7C80E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C80E8; -webkit-box-shadow:4px 4px  
4px 4px #7C80E8; box-shadow:4px 4px 4px  
4px #7C80E8 }
```

Background

The CSS property to change the background color of an element to Hex 7C80E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C80E8 }
```

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

```
.background{ background-color:#7C80E8 }
```

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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