

Converting Colors

Hex(8784E1)

Have a look what the booklet for
Hex(8784E1) contains.

Hex(8784E1)	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(8784E1)

Conversions

Conversions Part 1

Format	Color
Hex	8784E1
RGB	135, 132, 225
RGB Percent	53%, 52%, 88%
CMY	0.4706, 0.4824, 0.1176
CMYK	0.40, 0.41, 0.00, 0.12
HSL	242°, 61%, 70%
HSV	242°, 41%, 88%
XYZ	31.8335, 27.0897, 74.7852
YIQ	143.4990, -28.0650, 29.5590

Conversions

Conversions Part 2

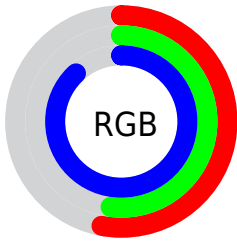
Format	Color
RYB	135, 132, 225
Decimal	8881377
CIELab	59.06, 23.71, -47.05
CIELCh	59, 52.688, 296.743
Yxy	27.0897, 0.2381, 0.2026
Android (android.graphics.Color)	4287071457 (0xFF8784E1)
YUV	143.4990, 40.1800, -7.4536
Hunter-Lab	52.0477, 18.0910, -48.7579

Details

The Hex color **8784E1** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DEE184**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **BFB9FF**, and **5053A9** is the 20% darker color. If you saturate the color by 10%, you get **716EE1**, and if you desaturate by 10%, it is **9D9BE1**.

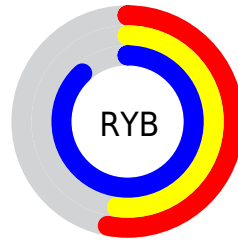
Distribution



Red (53%)

Green (52%)

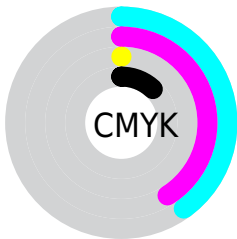
Blue (88%)



Red (53%)

Yellow (52%)

Blue (88%)

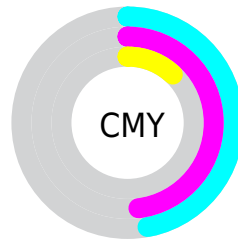


Cyan (40%)

Magenta (41%)

Yellow (0%)

Black (12%)



Cyan (47%)

Magenta (48%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8784E1 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 8784E1 by changing the saturation by 10% instead.

8784E1

8784E1

FFFFFF

6B6BC5

BFB9FF

5053A9

DCD5FF

333C8E

FAF1FF

0F2674

00125B

000043


00032C

000116

000000

 8784E1

 8784E1

 716EE1

 9D9BE1

 5B57E1

 B3B1E1

 4641E1

 C8C8E1

 302AE1

 DEDEE1

 1A14E1

 F4F4E1

 0700E1

 FFFFE1

Harmonies

Analogous

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



0095EA



8784E1



C271C2

Triad

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



8784E1



CE7841



00A487

Complementary

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



8784E1



DEE184

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.



41A059



8784E1



AC8A2B

Square

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



8784E1



E26967



7E9836



00A4B6

Rectangle

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



8784E1



D867A5



7E9836



00A377

Sweetspot

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



8784E1



E1E0FF



84DFE1



6E6E80



000000



808080

Same Dimension

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



8784E1



8480FF



B484E1



656570



0600B0



020030

Inverse Universe

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



E184DE



FF80FB



B1E184



706570



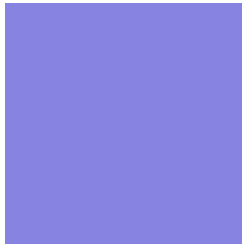
B000AA



30002F

Previews

White Background



This preview shows how the Hex color 8784E1 looks on a white background.

Color Contrast Check

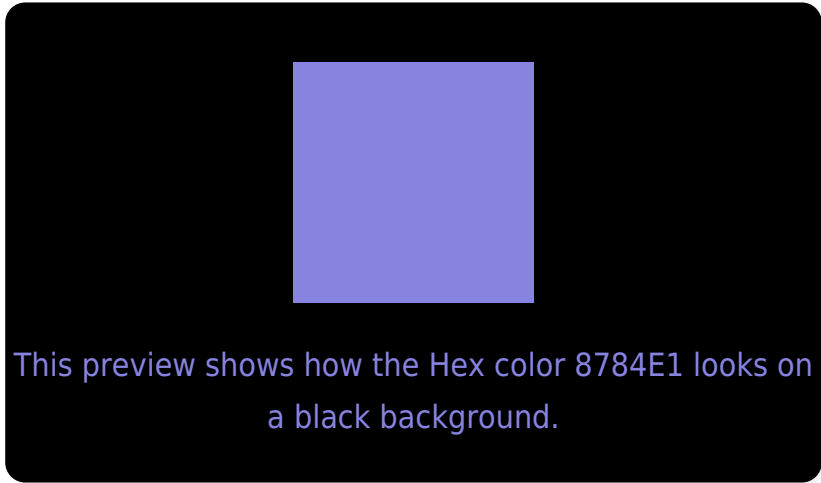
Large Text (above 18pt) WCAG AA ✓ Pass

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

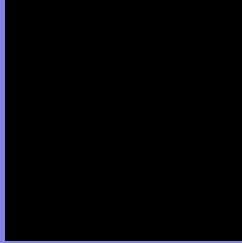
Any Text WCAG AA ✓ Pass

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 8784E1 Background



This preview shows how black text looks on a background with the Hex color 8784E1.

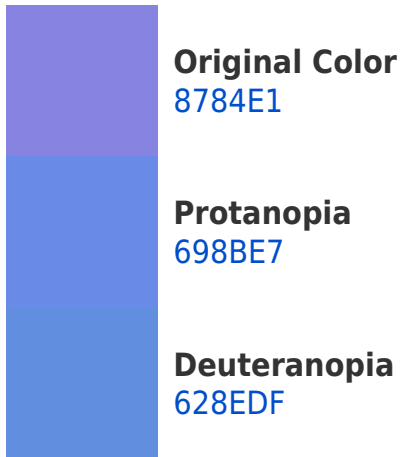


This preview shows how white text looks on a background with the Hex color 8784E1.

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](#).

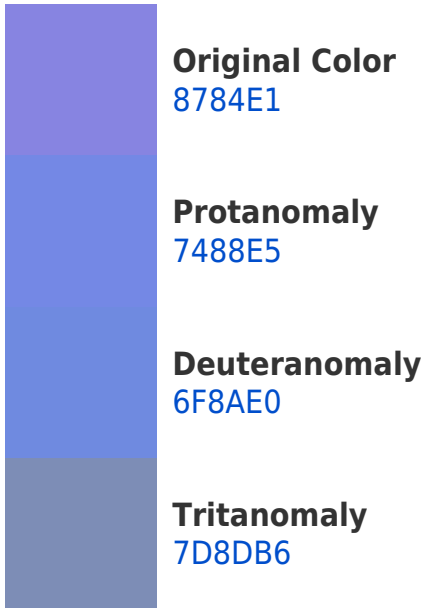
Dichromacy



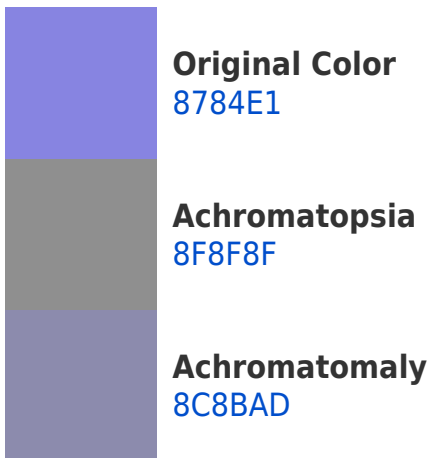


Tritanopia
77929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8784E1 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 #8784E1 looks like.

```
.text, #text, p{  
    color:#8784E1  
}
```

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 #8784E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8784E1
}
```

Border

The CSS property to change the border of an element to Hex 8784E1 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
#8784E1 }
```

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

```
.border{ border-color:#8784E1 }
```

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

Here you see how a box with a 4 pixel #8784E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8784E1; -webkit-box-shadow:4px 4px  
4px 4px #8784E1; box-shadow:4px 4px 4px  
4px #8784E1 }
```

Background

The CSS property to change the background color of an element to Hex 8784E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8784E1 }
```

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

```
.background{ background-color:#8784E1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor