

Converting Colors

Hex(8177E2)

Have a look what the booklet for
Hex(8177E2) contains.

Hex(8177E2)	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(8177E2)

Conversions

Conversions Part 1

Format	Color
Hex	8177E2
RGB	129, 119, 226
RGB Percent	51%, 47%, 89%
CMY	0.4941, 0.5333, 0.1137
CMYK	0.43, 0.47, 0.00, 0.11
HSL	246°, 65%, 68%
HSV	246°, 47%, 89%
XYZ	29.3776, 23.3518, 74.9105
YIQ	134.1880, -28.3870, 35.3970

Conversions

Conversions Part 2

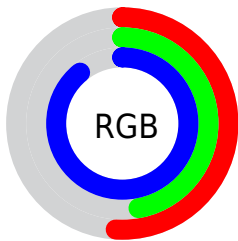
Format	Color
R _Y B	129, 119, 226
Decimal	8484834
CIE Lab	55.43, 30.16, -53.40
CIE LCh	55, 61.329, 299.459
Yxy	23.3518, 0.2302, 0.1830
Android (android.graphics.Color)	4286674914 (0xFF8177E2)
YUV	134.1880, 45.2633, -4.5499
Hunter-Lab	48.3237, 23.9496, -58.0837

Details

The Hex color **8177E2** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D8E277**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **BAABFF**, and **4846AA** is the 20% darker color. If you saturate the color by 10%, you get **6D60E2**, and if you desaturate by 10%, it is **958EE2**.

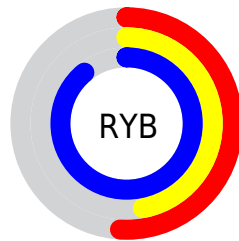
Distribution



Red (51%)

Green (47%)

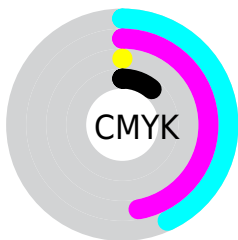
Blue (89%)



Red (51%)

Yellow (47%)

Blue (89%)

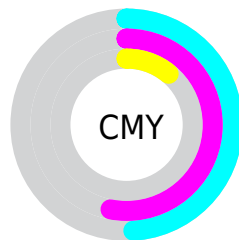


Cyan (43%)

Magenta (47%)

Yellow (0%)

Black (11%)



Cyan (49%)

Magenta (53%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8177E2 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 8177E2 by changing the saturation by 10% instead.

8177E2

8177E2

FFFFFF

655EC6

BAABFF

4846AA

D7C7FF

29308F

F5E3FF

001B75

00065B

000043

00032C

000116

000000

8177E2

8177E2

6D60E2

958EE2

584AE2

AAA4E2

4433E2

BEBBE2

2F1DE2

D3D1E2

1B06E2

E7E8E2

1500E2

FCFFE2

FFFE2

Harmonies

Analogous

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



008BF0



8177E2



C35EBC

Triad

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



8177E2



C86D26



009D82

Complementary

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



8177E2



D8E277

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.



00994C



8177E2



9F8200

Square

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



8177E2



E05754



6B911A



009DB8

Rectangle

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



8177E2



DB529A



6B911A



009C70

Sweetspot

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



8177E2



DFDBFF



77D9E2



6C6A80



000000



808080

Same Dimension

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



8177E2



7B6EFF



B577E2



666570



1000B0



050030

Inverse Universe

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



E277D8



FF6EF1



A4E277



70656F



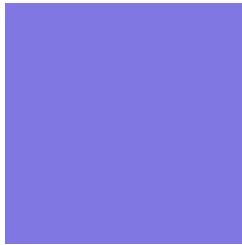
B000A0



30002C

Previews

White Background



This preview shows how the Hex color 8177E2 looks on a white background.

Color Contrast Check

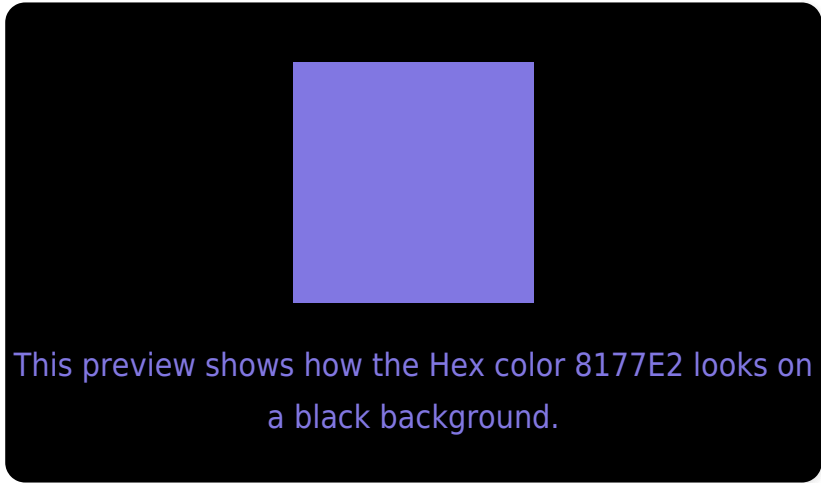
Large Text (above 18pt) WCAG AA ✓ Pass

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

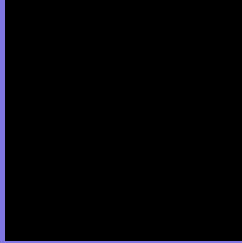
Any Text WCAG AA ✓ Pass

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 8177E2 Background



This preview shows how black text looks on a background with the Hex color 8177E2.

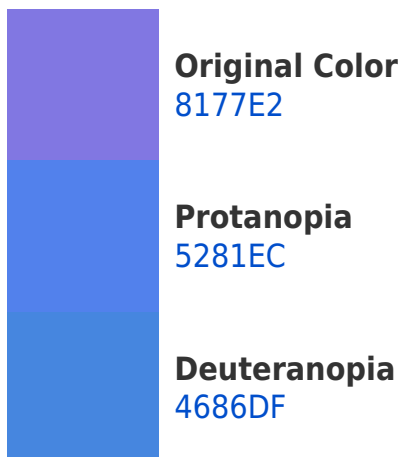



This preview shows how white text looks on a background with the Hex color 8177E2.

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](#).

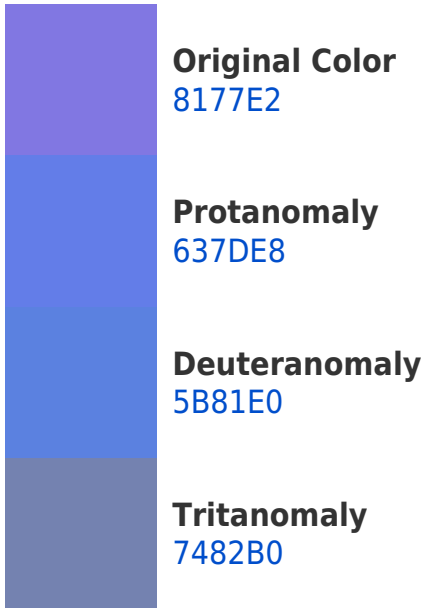
Dichromacy



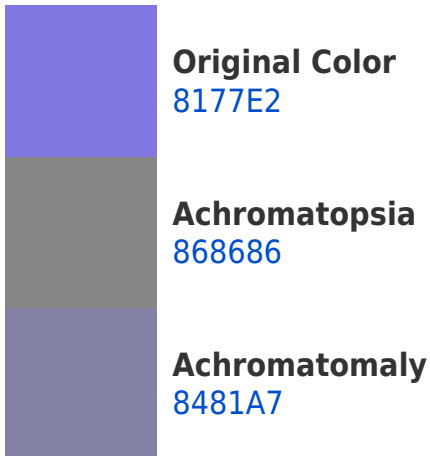


Tritanopia
6D8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8177E2 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 #8177E2 looks like.

```
.text, #text, p{  
    color:#8177E2  
}
```

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 #8177E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8177E2
}
```

Border

The CSS property to change the border of an element to Hex 8177E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

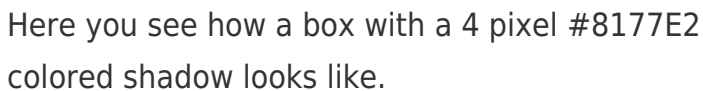
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8177E2 }
```

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

```
.border{ border-color:#8177E2 }
```

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



Here you see how a box with a 4 pixel #8177E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8177E2; -webkit-box-shadow:4px 4px  
4px 4px #8177E2; box-shadow:4px 4px 4px  
4px #8177E2 }
```

Background

The CSS property to change the background color of an element to Hex 8177E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8177E2 }
```

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

```
.background{ background-color:#8177E2 }
```

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