

Converting Colors

Hex(8281E6)

Have a look what the booklet for
Hex(8281E6) contains.

| | |
|--|----|
| Hex(8281E6) | 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(8281E6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8281E6 |
| RGB | 130, 129, 230 |
| RGB Percent | 51%, 51%, 90% |
| CMY | 0.4902, 0.4941, 0.0980 |
| CMYK | 0.43, 0.44, 0.00, 0.10 |
| HSL | 241°, 67%, 70% |
| HSV | 241°, 44%, 90% |
| XYZ | 31.3391, 26.1595, 78.2605 |
| YIQ | 140.8130, -31.8250, 31.6230 |

Conversions

Conversions Part 2

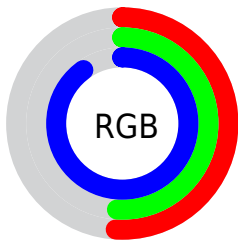
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 130, 129, 230 |
| Decimal | 8552934 |
| CIE Lab | 58.19, 25.65, -51.24 |
| CIE LCh | 58, 57.303, 296.589 |
| Yxy | 26.1595, 0.2308, 0.1927 |
| Android (android.graphics.Color) | 4286743014 (0xFF8281E6) |
| YUV | 140.8130, 43.9692, -9.4830 |
| Hunter-Lab | 51.1464, 19.8668, -54.9188 |

Details

The Hex color **8281E6** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E5E681**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **BBB6FF**, and **4950AE** is the 20% darker color. If you saturate the color by 10%, you get **6B6AE6**, and if you desaturate by 10%, it is **9998E6**.

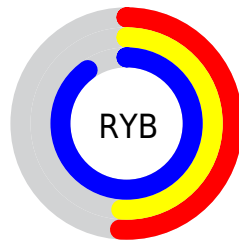
Distribution



Red (51%)

Green (51%)

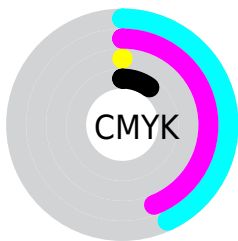
Blue (90%)



Red (51%)

Yellow (51%)

Blue (90%)

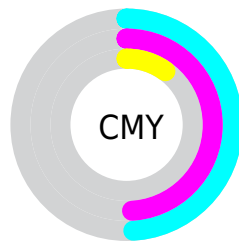


Cyan (43%)

Magenta (44%)

Yellow (0%)

Black (10%)



Cyan (49%)

Magenta (49%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8281E6 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 8281E6 by changing the saturation by 10% instead.

 8281E6

 8281E6

FFFFFF

 6668CA

 BBB6FF

 4950AE

 D8D1FF


 2A3993

 F6EEFF

 002478

 00105F

 000047

 00042F

 00011A

 000000

 8281E6

 8281E6

 6B6AE6

 9998E6

 5453E6

 B0AFE6

 3E3CE6

 C6C6E6

 2725E6

 DDDDE6

 100EE6

 F4F4E6

 0200E6

 FFFFE6

Harmonies

Analogous

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



0093F0



8281E6



C36BC4

Triad

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



8281E6



D07438



00A384

Complementary

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



8281E6



E5E681

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.



339F52



8281E6



AB871C

Square

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



8281E6



E56162



7A9629



00A3B7

Rectangle

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



8281E6



DB60A5



7A9629



00A273

Sweetspot

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



8281E6



DEDEFF



81E6E6



6B6B80



000000



808080

Same Dimension

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



8281E6



7978FF



B381E6



676773



0200B3



010033

Inverse Universe

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



E681E5



FF78FE



B3E681



736773



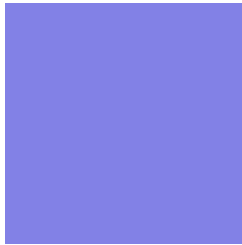
B300B1



330032

Previews

White Background



This preview shows how the Hex color 8281E6 looks on a white background.

Color Contrast Check

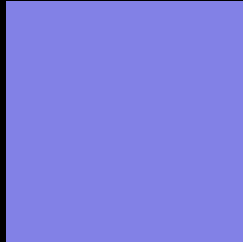
Large Text (above 18pt) WCAG AA ✓ Pass

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 8281E6 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 8281E6 Background



This preview shows how black text looks on a background with the Hex color 8281E6.

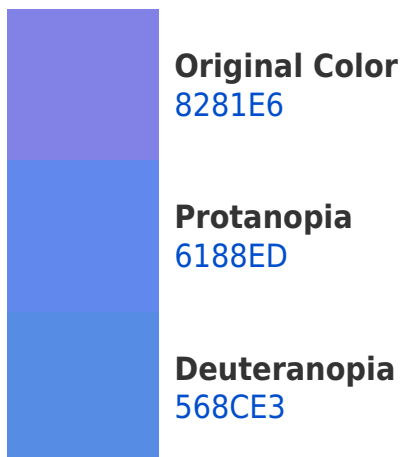



This preview shows how white text looks on a background with the Hex color 8281E6.

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](#).

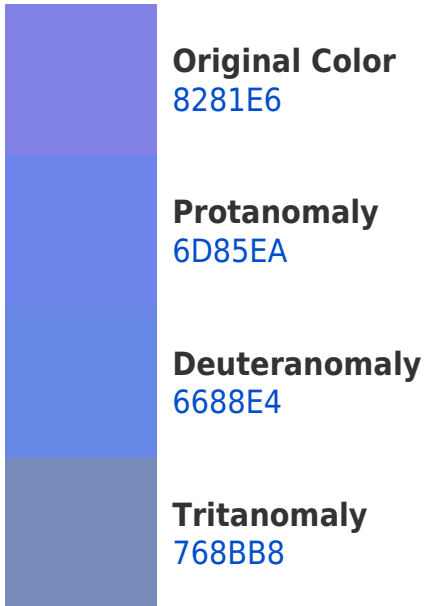
Dichromacy



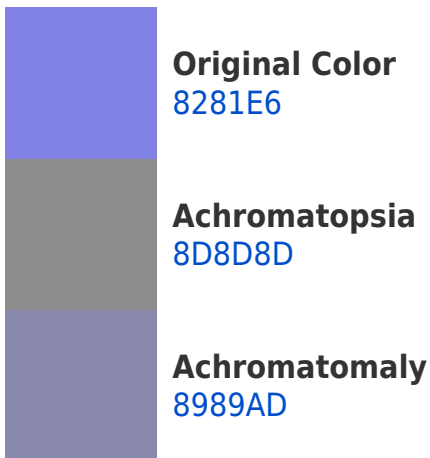


Tritanopia
6F919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8281E6 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 #8281E6 looks like.

```
.text, #text, p{  
    color:#8281E6  
}
```

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 #8281E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8281E6
}
```

Border

The CSS property to change the border of an element to Hex 8281E6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

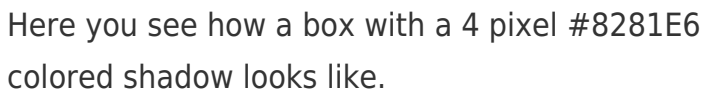
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8281E6 }
```

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

```
.border{ border-color:#8281E6 }
```

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



Here you see how a box with a 4 pixel #8281E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8281E6; -webkit-box-shadow:4px 4px  
4px 4px #8281E6; box-shadow:4px 4px 4px  
4px #8281E6 }
```

Background

The CSS property to change the background color of an element to Hex 8281E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8281E6 }
```

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

```
.background{ background-color:#8281E6 }
```

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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