

Converting Colors

Hex(8871DA)

Have a look what the booklet for
Hex(8871DA) contains.

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Color

Hex(8871DA)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8871DA |
| RGB | 136, 113, 218 |
| RGB Percent | 53%, 44%, 85% |
| CMY | 0.4667, 0.5569, 0.1451 |
| CMYK | 0.38, 0.48, 0.00, 0.15 |
| HSL | 253°, 59%, 65% |
| HSV | 253°, 48%, 85% |
| XYZ | 28.7134, 22.1065, 69.0833 |
| YIQ | 131.8470, -19.9970, 37.5310 |

Conversions

Conversions Part 2

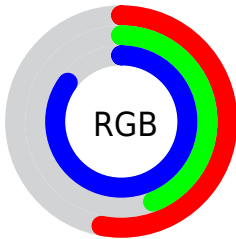
| Format | Color |
|-------------------------------------|--|
| RYB | 136, 113, 218 |
| Decimal | 8942042 |
| CIELab | 54.14, 33.17, -50.93 |
| CIELCh | 54, 60.775, 303.076 |
| Yxy | 22.1065, 0.2395, 0.1844 |
| Android (android.graphics.Color) | 4287132122 (0xFF8871DA) |
| YUV | 131.8470, 42.4734, 3.6422 |
| Hunter-Lab | 47.0175, 26.7285, -54.2031 |

Details

The Hex color **8871DA** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **C3DA71**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **C1A5FF**, and **5140A2** is the 20% darker color. If you saturate the color by 10%, you get **775BDA**, and if you desaturate by 10%, it is **9987DA**.

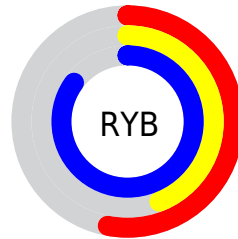
Distribution



Red (53%)

Green (44%)

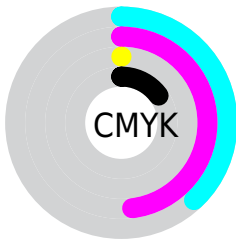
Blue (85%)



Red (53%)

Yellow (44%)

Blue (85%)

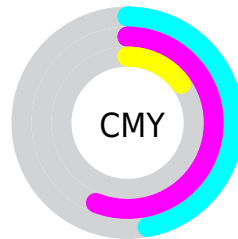


Cyan (38%)

Magenta (48%)

Yellow (0%)

Black (15%)



Cyan (47%)

Magenta (56%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8871DA 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 8871DA by changing the saturation by 10% instead.

8871DA

8871DA

FFFFFF

6C58BE

C1A5FF

5140A2

DEC0FF

342A88

FBDCFF

12146E

FFF9FF

000055

00003D

000226

00010F

000000

8871DA

8871DA

775BDA

9987DA

6645DA

AA9DDA

5530DA

BBB2DA

441ADA

CCC8DA

3304DA

DDDEDA

3000DA

EEF4DA

FFFFDA

Harmonies

Analogous

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



0086EB



8871DA



C459B2

Triad

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



8871DA



C06D1E



009A85

Complementary

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



8871DA



C3DA71

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.



00964F



8871DA



968100

Square

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



8871DA



DA564B



608F1D



0099B9

Rectangle

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



8871DA



D94D90



608F1D



009973

Sweetspot

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



8871DA



E3DBFF



71C3DA



6F6A80



000000



808080

Same Dimension

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



8871DA



8B6BFF



BC71DA



65636E



2600AD



0A002E

Inverse Universe

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



DA71C3



FF6BDF



8FDA71



6E636B



AD0087



2E0024

Previews

White Background



This preview shows how the Hex color 8871DA 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 8871DA Background



This preview shows how black text looks on a background with the Hex color 8871DA.

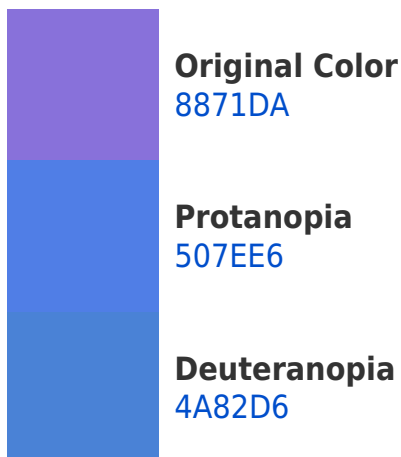


This preview shows how white text looks on a background with the Hex color 8871DA.

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](#).

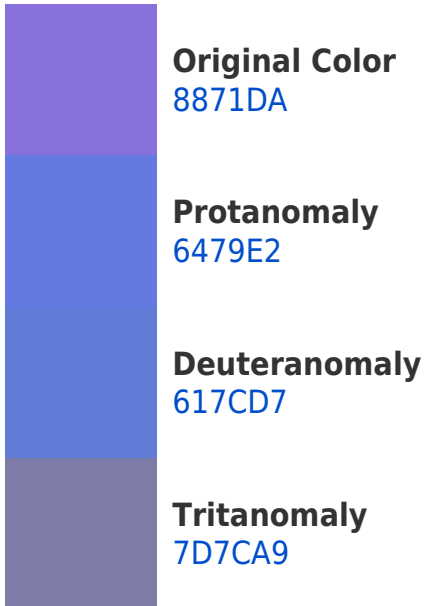
Dichromacy



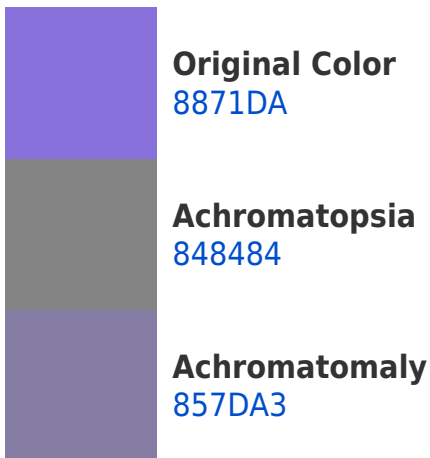


Tritanopia
77838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8871DA 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 #8871DA looks like.

```
.text, #text, p{  
    color:#8871DA  
}
```

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 #8871DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8871DA
}
```

Border

The CSS property to change the border of an element to Hex 8871DA is called "border". The border property can be set on classes, ids or directly on the HTML element.

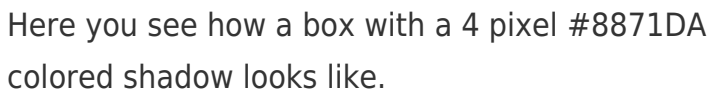
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8871DA }
```

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

```
.border{ border-color:#8871DA }
```

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



Here you see how a box with a 4 pixel #8871DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8871DA; -webkit-box-shadow:4px 4px  
4px 4px #8871DA; box-shadow:4px 4px 4px  
4px #8871DA }
```

Background

The CSS property to change the background color of an element to Hex 8871DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8871DA }
```

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

```
.background{ background-color:#8871DA }
```

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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