

Converting Colors

Hex(821FC4)

Have a look what the booklet for
Hex(821FC4) contains.

Hex(821FC4)	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(821FC4)

Conversions

Conversions Part 1

Format	Color
Hex	821FC4
RGB	130, 31, 196
RGB Percent	51%, 12%, 77%
CMY	0.4902, 0.8784, 0.2314
CMYK	0.34, 0.84, 0.00, 0.23
HSL	276°, 73%, 45%
HSV	276°, 84%, 77%
XYZ	19.6597, 9.7113, 53.0628
YIQ	79.4110, 6.0390, 72.3030

Conversions

Conversions Part 2

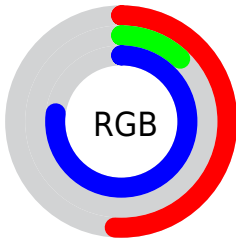
Format	Color
R _Y B	130, 31, 196
Decimal	8527812
CIE Lab	37.32, 65.87, -65.46
CIE LCh	37, 92.867, 315.181
Yxy	9.7113, 0.2385, 0.1178
Android (android.graphics.Color)	4286717892 (0xFF821FC4)
YUV	79.4110, 57.4784, 44.3666
Hunter-Lab	31.1630, 58.0746, -79.1421

Details

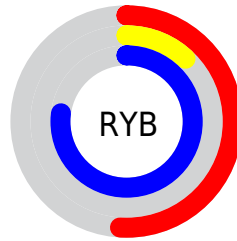
The Hex color **821FC4** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark washed purple. A complement of this color would be **61C41F**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **BC5AFE**, and **48008D** is the 20% darker color. If you saturate the color by 10%, you get **7A0BC4**, and if you desaturate by 10%, it is **8A33C4**.

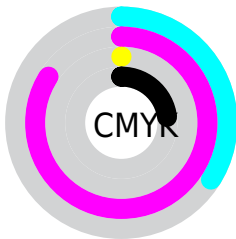
Distribution



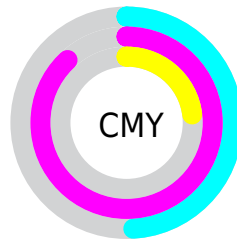
- Red (51%)
- Green (12%)
- Blue (77%)



- Red (51%)
- Yellow (12%)
- Blue (77%)



- Cyan (34%)
- Magenta (84%)
- Yellow (0%)
- Black (23%)



- Cyan (49%)
- Magenta (88%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 821FC4 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 821FC4 by changing the saturation by 10% instead.

821FC4

821FC4

FFFFFF

6500A8

BC5AFE

48008D

DA76FF

280073

F892FF

000059

FFAEFF

000040

FFCBFF

000329

FFE8FF

000113

000000

821FC4

821FC4

■ 7A0BC4

■ 8A33C4

■ 7600C4

■ 9246C4

■ 9A5AC4

■ A16DC4

■ A981C4

■ B195C4

■ B9A8C4

■ C1BCC4

■ C9CFC4

Harmonies

Analogous

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



0057ED



821FC4



C40080

Triad

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



821FC4



8A4600



00737E

Complementary

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



821FC4



61C41F

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.



00712E



821FC4



486000

Square

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



821FC4



B90000



006C00



0073C3

Rectangle

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



821FC4



D1004F



006C00



007264

Sweetspot

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



821FC4



E6BFFF



1F61C4



705980



000000



808080

Same Dimension

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



821FC4



9900FF



C41FB4



5D5761



6000A1



140021

Inverse Universe

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



C41F61



FF0066



1FC42F



61575B



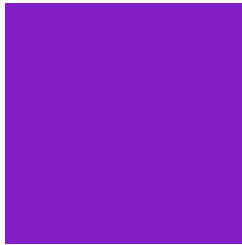
A10040



21000D

Previews

White Background



This preview shows how the Hex color 821FC4 looks on a white 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

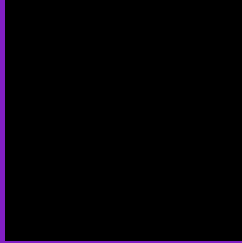
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 821FC4 Background



This preview shows how black text looks on a background with the Hex color 821FC4.

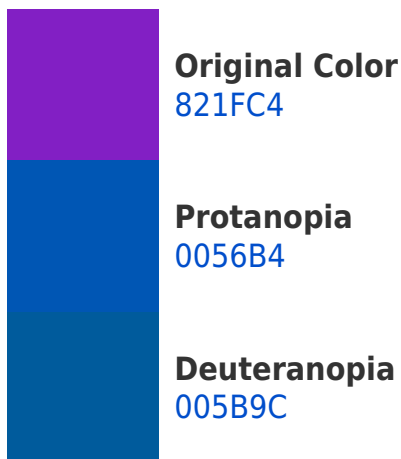


This preview shows how white text looks on a background with the Hex color 821FC4.

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
6E5057

Trichromacy



Original Color
821FC4



Protanomaly
2F42BA



Deuteranomaly
2F45AB



Tritanomaly
753E7F

Monochromacy



Original Color
821FC4



Achromatopsia
4F4F4F



Achromatomaly
623E7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 821FC4 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 #821FC4 looks like.

```
.text, #text, p{  
    color:#821FC4  
}
```

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 #821FC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #821FC4
}
```

Border

The CSS property to change the border of an element to Hex 821FC4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

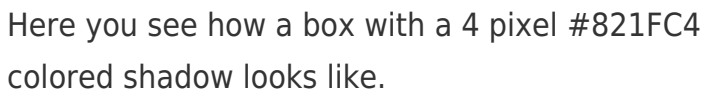
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#821FC4 }
```

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

```
.border{ border-color:#821FC4 }
```

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



Here you see how a box with a 4 pixel #821FC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #821FC4; -webkit-box-shadow:4px 4px  
4px 4px #821FC4; box-shadow:4px 4px 4px  
4px #821FC4 }
```

Background

The CSS property to change the background color of an element to Hex 821FC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#821FC4 }
```

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

```
.background{ background-color:#821FC4 }
```

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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