

Converting Colors

Hex(820C8E)

Have a look what the booklet for
Hex(820C8E) contains.

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Color

Hex(820C8E)

Conversions

Conversions Part 1

Format	Color
Hex	820C8E
RGB	130, 12, 142
RGB Percent	51%, 5%, 56%
CMY	0.4902, 0.9529, 0.4431
CMYK	0.08, 0.92, 0.00, 0.44
HSL	294°, 84%, 30%
HSV	294°, 92%, 56%
XYZ	14.2199, 6.9618, 26.1855
YIQ	62.1020, 28.5980, 65.4460

Conversions

Conversions Part 2

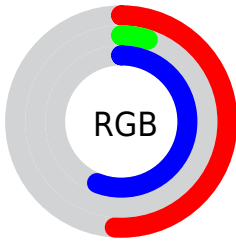
Format	Color
R_{YB}	130, 12, 142
Decimal	8522894
CIE _{Lab}	31.72, 59.75, -42.10
CIE _{LCh}	32, 73.088, 324.830
Yxy	6.9618, 0.3002, 0.1470
Android (android.graphics.Color)	4286712974 (0xFF820C8E)
YUV	62.1020, 39.3897, 59.5465
Hunter-Lab	26.3852, 50.0258, -40.3717

Details

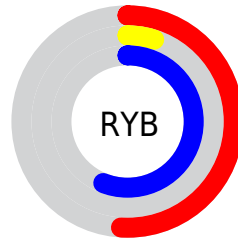
The Hex color **820C8E** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **188E0C**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **BA4EC4**, and **4C005B** is the 20% darker color. If you saturate the color by 10%, you get **81008E**, and if you desaturate by 10%, it is **831A8E**.

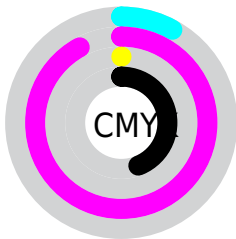
Distribution



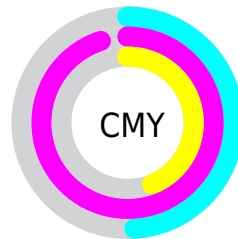
- Red (51%)
- Green (5%)
- Blue (56%)



- Red (51%)
- Yellow (5%)
- Blue (56%)



- Cyan (8%)
- Magenta (92%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (95%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 820C8E 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 820C8E by changing the saturation by 10% instead.

820C8E

820C8E

FFFFFF

670074

BA4EC4

4C005B

D769E1

330043

F585FE

15002C

FFA1FF

000116

FFBDFE

000000

FFDAFF

FFF7FF

820C8E

820C8E

■ 81008E

■ 831A8E

■ 85288E

■ 86378E

■ 87458E

■ 89538E

■ 8A618E

■ 8B6F8E

■ 8C7E8E

■ 8E8C8E

Harmonies

Analogous

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



0040B5



820C8E



A50057

Triad

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



820C8E



644500



00617A

Complementary

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



820C8E



188E0C

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.



00603F



820C8E



2C5500

Square

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



820C8E



8D2500



005C00



005FAA

Rectangle

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



820C8E



A90032



005C00



006167

Sweetspot

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



820C8E



B386B8



0C198E



593E5C



DBDBDB



5C5C5C

Same Dimension

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



820C8E



A700B8



8E0C5A



474047



7B0087



070008

Inverse Universe

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



8E0C18



B80011



0C8E40



474041



87000C



080001

Previews

White Background



This preview shows how the Hex color 820C8E looks on a white background.

Color Contrast Check

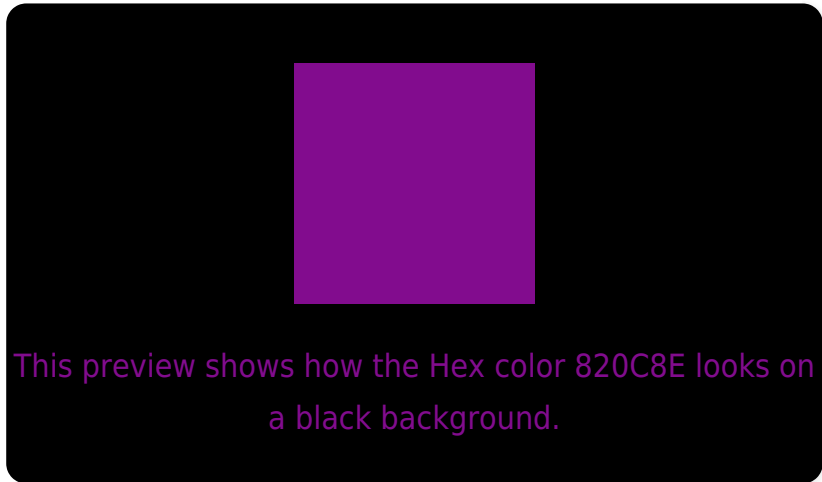
Large Text (above 18pt) WCAG AA ✓ Pass

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

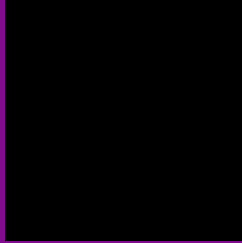
Any Text WCAG AA × Fail

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 820C8E Background



This preview shows how black text looks on a background with the Hex color 820C8E.

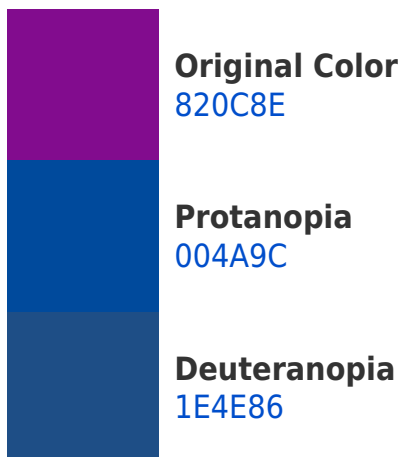



This preview shows how white text looks on a background with the Hex color 820C8E.

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](#).

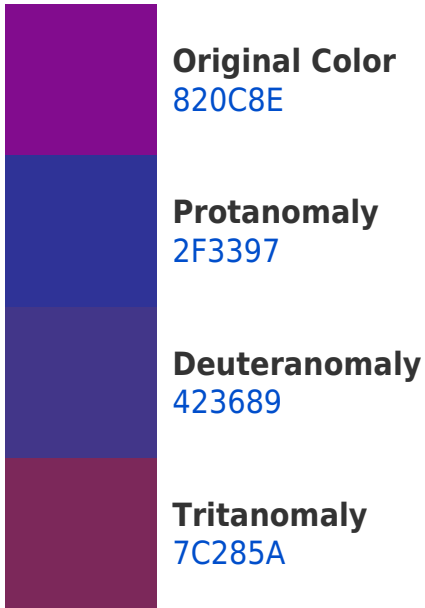
Dichromacy



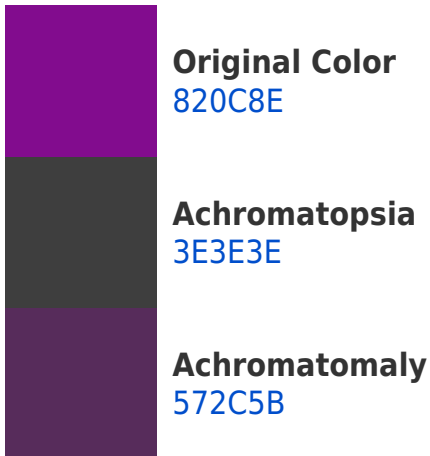


Tritanopia
78383C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 820C8E 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 #820C8E looks like.

```
.text, #text, p{  
    color:#820C8E  
}
```

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 #820C8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #820C8E
}
```

Border

The CSS property to change the border of an element to Hex 820C8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

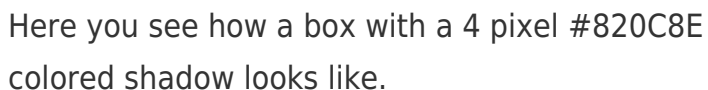
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#820C8E }
```

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

```
.border{ border-color:#820C8E }
```

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



Here you see how a box with a 4 pixel #820C8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #820C8E; -webkit-box-shadow:4px 4px  
4px 4px #820C8E; box-shadow:4px 4px 4px  
4px #820C8E }
```

Background

The CSS property to change the background color of an element to Hex 820C8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#820C8E }
```

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

```
.background{ background-color:#820C8E }
```

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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