

Converting Colors

Hex(820AEA)

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

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Color

Hex(820AEA)

Conversions

Conversions Part 1

Format	Color
Hex	820AEA
RGB	130, 10, 234
RGB Percent	51%, 4%, 92%
CMY	0.4902, 0.9608, 0.0824
CMYK	0.44, 0.96, 0.00, 0.08
HSL	272°, 92%, 48%
HSV	272°, 96%, 92%
XYZ	24.1657, 10.9034, 78.6728
YIQ	71.4160, -0.3840, 95.1040

Conversions

Conversions Part 2

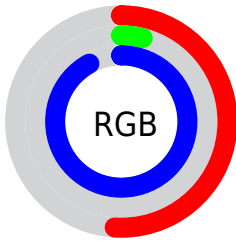
Format	Color
R_{YB}	130, 10, 234
Decimal	8522474
CIE _{Lab}	39.42, 77.89, -83.92
CIE _{LCh}	39, 114.495, 312.865
Yxy	10.9034, 0.2125, 0.0959
Android (android.graphics.Color)	4286712554 (0xFF820AEA)
YUV	71.4160, 80.1539, 51.3782
Hunter-Lab	33.0203, 72.8487, -118.1475

Details

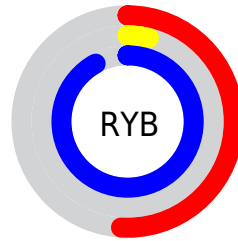
The Hex color **820AEA** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **72EA0A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **C054FF**, and **4000B1** is the 20% darker color. If you saturate the color by 10%, you get **7D00EA**, and if you desaturate by 10%, it is **8D21EA**.

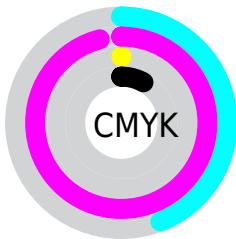
Distribution



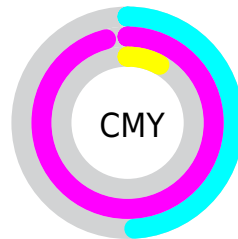
- Red (51%)
- Green (4%)
- Blue (92%)



- Red (51%)
- Yellow (4%)
- Blue (92%)



- Cyan (44%)
- Magenta (96%)
- Yellow (0%)
- Black (8%)



- Cyan (49%)
- Magenta (96%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 820AEA

 820AEA

FFFFFF

 6200CD

 C054FF

 4000B1

 DF71FF

 0F0095

 FE8DFF

 00007A

 FFAAFF

 000060

 FFC7FF

 000847

 FFE5FF

 000430

 00011A

 000000

■ 820AEA

■ 820AEA

■ 7D00EA

■ 8D21EA

■ 9839EA

■ A350EA

■ AD68EA

■ B87FEA

■ C396EA

■ CEAEAA

■ D9C5EA

■ E4DDEA

Harmonies

Analogous

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



0061FF



820AEA



DD0096

Triad

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



820AEA



9C4200



007B85

Complementary

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



820AEA



72EA0A

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.



00791E



820AEA



4C6600

Square

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



820AEA



D40000



007400



007DDE

Rectangle

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



820AEA



F00059



007400



007A64

Sweetspot

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



820AEA



DDB5FF



0A73EA



6B5380



000000



808080

Same Dimension

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



820AEA



8900FF



EA0AE3



706A75



6100B5



1D0036

Inverse Universe

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



EA0A72



FF0076



0AEA11



756A6F



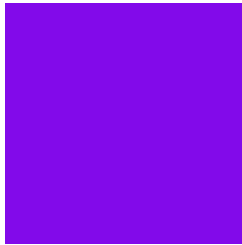
B50054



360019

Previews

White Background



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

Color Contrast Check

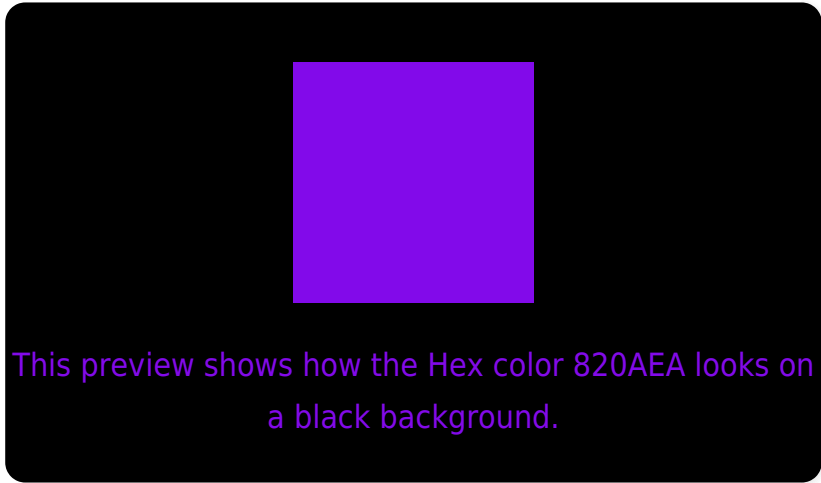
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

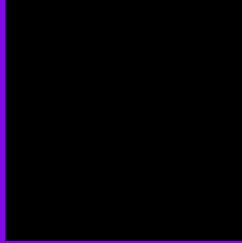
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 820AEA Background



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



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

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



Original Color
820AEA

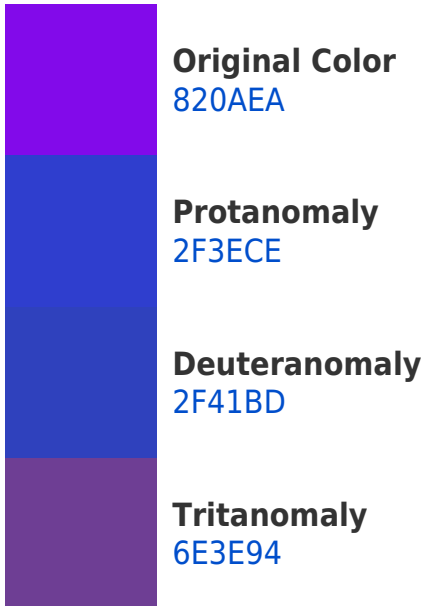
Protanopia
005BBE

Deuteranopia
0060A3

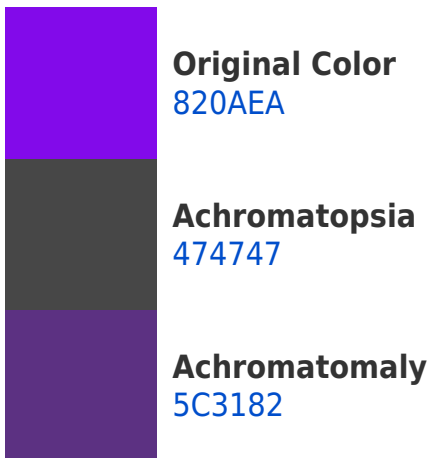


Tritanopia
625C63

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #820AEA colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 820AEA 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".

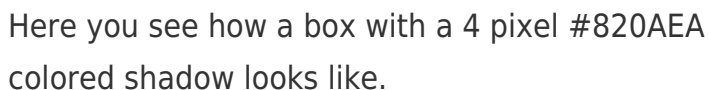
```
.border, #border, table{ border:4px solid
#820AEA }
```

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

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

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

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



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

Background

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

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

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

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

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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