

Converting Colors

Hex(823795)

Have a look what the booklet for
Hex(823795) contains.

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Color

Hex(823795)

Conversions

Conversions Part 1

Format	Color
Hex	823795
RGB	130, 55, 149
RGB Percent	51%, 22%, 58%
CMY	0.4902, 0.7843, 0.4157
CMYK	0.13, 0.63, 0.00, 0.42
HSL	288°, 46%, 40%
HSV	288°, 63%, 58%
XYZ	15.9969, 9.6481, 29.4529
YIQ	88.1410, 14.5260, 45.1340

Conversions

Conversions Part 2

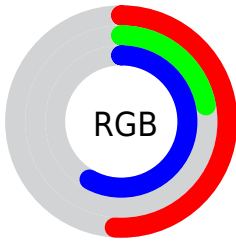
Format	Color
R_{YB}	130, 55, 149
Decimal	8533909
CIE _{Lab}	37.20, 46.73, -37.62
CIE _{LCh}	37, 59.992, 321.170
Yxy	9.6481, 0.2903, 0.1751
Android (android.graphics.Color)	4286723989 (0xFF823795)
YUV	88.1410, 30.0035, 36.7103
Hunter-Lab	31.0614, 37.5716, -34.4766

Details

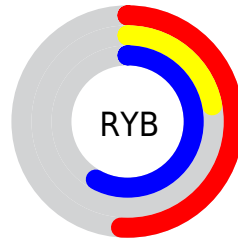
The Hex color **823795** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4A9537**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **B96BCC**, and **4D0062** is the 20% darker color. If you saturate the color by 10%, you get **7F2895**, and if you desaturate by 10%, it is **854695**.

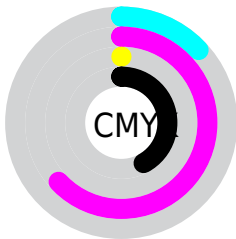
Distribution



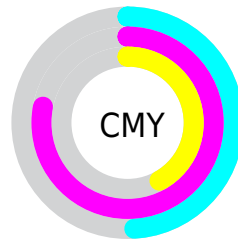
- Red (51%)
- Green (22%)
- Blue (58%)



- Red (51%)
- Yellow (22%)
- Blue (58%)



- Cyan (13%)
- Magenta (63%)
- Yellow (0%)
- Black (42%)



- Cyan (49%)
- Magenta (78%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 823795 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 823795 by changing the saturation by 10% instead.

 823795

 823795

FFFFFF

 671C7B

 B96BCC

 4D0062

 D685E8

 340049

 F3A0FF

 1D0032

 FFBCFF

 00011C

 FFD8FF

 000000

 FFF5FF

 823795

 823795

 7F2895

 854695

7C1995

885595

790A95

8B6495

770095

8E7395

918295

949095

979F95

9AAE95

9DBD95

Harmonies

Analogous

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



2A51B3



823795



A51968

Triad

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



823795



775000



006C79

Complementary

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



823795



4A9537

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.



006B47



823795



4B5F00

Square

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



823795



983905



006711



006AA3

Rectangle

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



823795



AB1548



006711



006C69

Sweetspot

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



823795



BA9DC2



374B95



5C4B61



E0E0E0



616161

Same Dimension

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



823795



A42FC2



95377A



48434A



6E008A



08000A

Inverse Universe

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



95374A



C22F4C



379552



4A4344



8A001C



0A0002

Previews

White Background



This preview shows how the Hex color 823795 looks on a white background.

Color Contrast Check

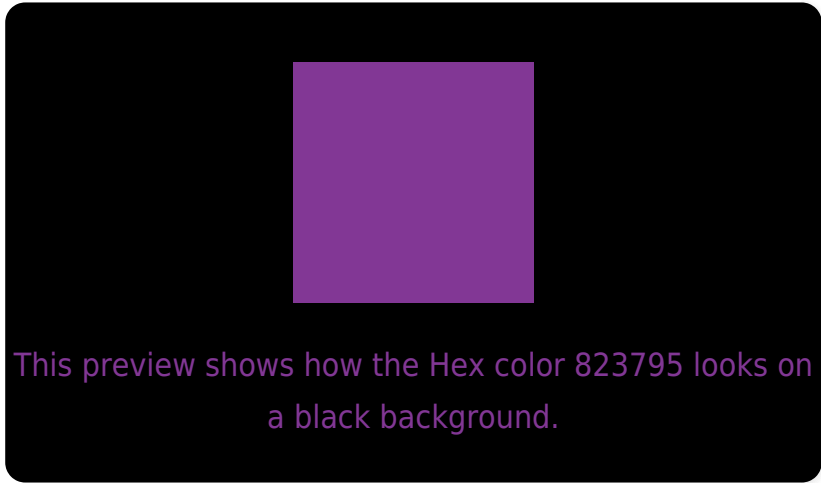
Large Text (above 18pt) WCAG AA ✓ Pass

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

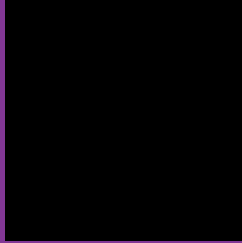
Any Text WCAG AA × Fail

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 823795 Background



This preview shows how black text looks on a background with the Hex color 823795.

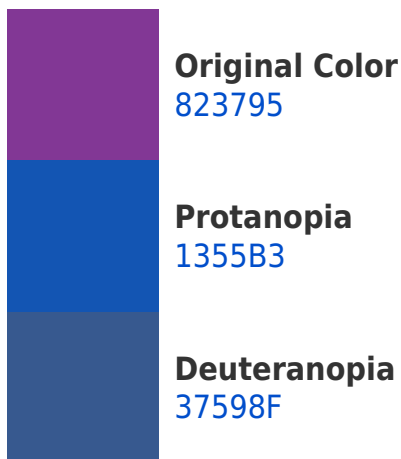


This preview shows how white text looks on a background with the Hex color 823795.

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
794B51

Trichromacy



Original Color
823795



Protanomaly
3B4AA8



Deuteranomaly
524D91



Tritanomaly
7C446A

Monochromacy



Original Color
823795



Achromatopsia
585858



Achromatomaly
674C6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 823795 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 #823795 looks like.

```
.text, #text, p{  
  color:#823795  
}
```

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 #823795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #823795
}
```

Border

The CSS property to change the border of an element to Hex 823795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

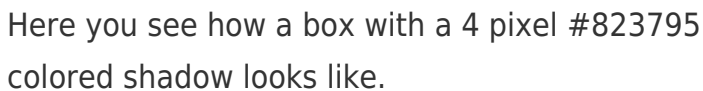
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#823795 }
```

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

```
.border{ border-color:#823795 }
```

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



Here you see how a box with a 4 pixel #823795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #823795; -webkit-box-shadow:4px 4px  
4px 4px #823795; box-shadow:4px 4px 4px  
4px #823795 }
```

Background

The CSS property to change the background color of an element to Hex 823795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#823795 }
```

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

```
.background{ background-color:#823795 }
```

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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