

Converting Colors

Hex(823BB7)

Have a look what the booklet for
Hex(823BB7) contains.

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Color

Hex(823BB7)

Conversions

Conversions Part 1

Format	Color
Hex	823BB7
RGB	130, 59, 183
RGB Percent	51%, 23%, 72%
CMY	0.4902, 0.7686, 0.2824
CMYK	0.29, 0.68, 0.00, 0.28
HSL	274°, 51%, 47%
HSV	274°, 68%, 72%
XYZ	19.3171, 11.2927, 45.9613
YIQ	94.3650, 2.5120, 53.6160

Conversions

Conversions Part 2

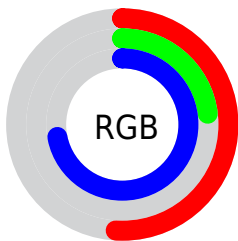
Format	Color
R_{YB}	130, 59, 183
Decimal	8534967
CIE _{Lab}	40.07, 52.29, -53.36
CIE _{LCh}	40, 74.711, 314.423
Yxy	11.2927, 0.2523, 0.1475
Android (android.graphics.Color)	4286725047 (0xFF823BB7)
YUV	94.3650, 43.6971, 31.2519
Hunter-Lab	33.6045, 43.8004, -57.5684

Details

The Hex color **823BB7** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **70B73B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **BB6FF0**, and **4B0081** is the 20% darker color. If you saturate the color by 10%, you get **7A29B7**, and if you desaturate by 10%, it is **8A4DB7**.

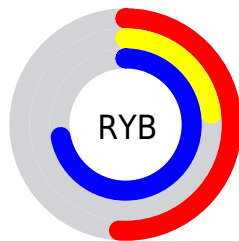
Distribution



Red (51%)

Green (23%)

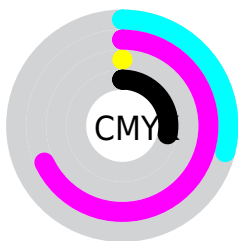
Blue (72%)



Red (51%)

Yellow (23%)

Blue (72%)

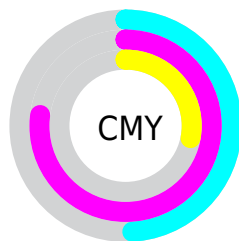


Cyan (29%)

Magenta (68%)

Yellow (0%)

Black (28%)



Cyan (49%)

Magenta (77%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 823BB7 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 823BB7 by changing the saturation by 10% instead.

823BB7

823BB7

FFFFFF

66209C

BB6FF0

4B0081

D88AFF

2F0067

F5A5FF

16004F

FFC1FF

000036

FFDEFF

000220

FFFBFF

000004

000000

823BB7

823BB7

7A29B7

8A4DB7

7216B7

9260B7

6B04B7

9972B7

6900B7

A184B7

A997B7

B1A9B7

B9BBB7

C1CDB7

C8E0B7

Harmonies

Analogous

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



005DD7



823BB7



B80081

Triad

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



823BB7



8D5000



00777B

Complementary

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



823BB7



70B73B

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.



00753B



823BB7



596500

Square

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



823BB7



B32A01



007000



0076B4

Rectangle

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



823BB7



C40058



007000



007766

Sweetspot

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



823BB7



D9BEED



3B71B7



6C5B78



F7F7F7



787878

Same Dimension

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



823BB7



9B2DED



B73BAF



58535C



59009C



10001C

Inverse Universe

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



B73B70



ED2D7F



3BB743



5C5357



9C0042



1C000C

Previews

White Background



This preview shows how the Hex color 823BB7 looks on a white background.

Color Contrast Check

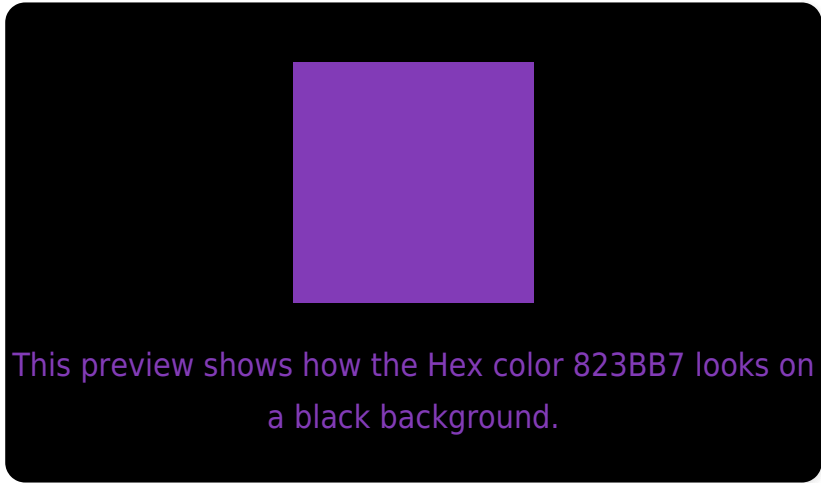
Large Text (above 18pt) WCAG AA ✓ Pass

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

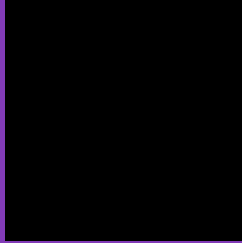
Any Text WCAG AA × Fail

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 823BB7 Background



This preview shows how black text looks on a background with the Hex color 823BB7.

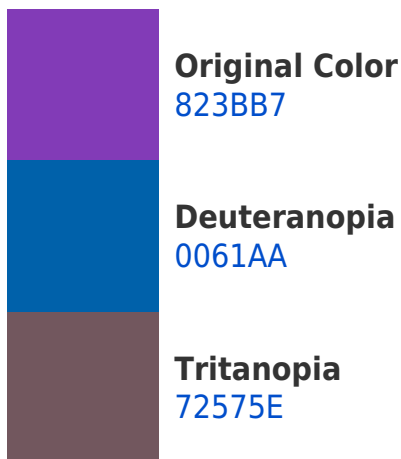


This preview shows how white text looks on a background with the Hex color 823BB7.

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



Trichromacy



Original Color
823BB7

Deuteranomaly
2F53AF

Tritanomaly
784D7E

Monochromacy



Original Color
823BB7

Achromatopsia
5E5E5E

Achromatomaly
6B517E

CSS Examples

Text

The CSS property to change the color of the text to Hex 823BB7 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 #823BB7 looks like.

```
.text, #text, p{  
    color:#823BB7  
}
```

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 #823BB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #823BB7
}
```

Border

The CSS property to change the border of an element to Hex 823BB7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

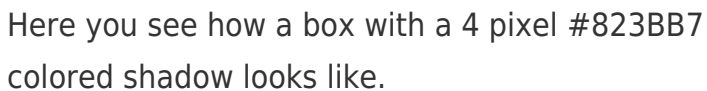
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#823BB7 }
```

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

```
.border{ border-color:#823BB7 }
```

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



Here you see how a box with a 4 pixel #823BB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #823BB7; -webkit-box-shadow:4px 4px  
4px 4px #823BB7; box-shadow:4px 4px 4px  
4px #823BB7 }
```

Background

The CSS property to change the background color of an element to Hex 823BB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#823BB7 }
```

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

```
.background{ background-color:#823BB7 }
```

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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