

Converting Colors

Hex(843DA4)

Have a look what the booklet for
Hex(843DA4) contains.

Hex(843DA4)	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(843DA4)

Conversions

Conversions Part 1

Format	Color
Hex	843DA4
RGB	132, 61, 164
RGB Percent	52%, 24%, 64%
CMY	0.4824, 0.7608, 0.3569
CMYK	0.20, 0.63, 0.00, 0.36
HSL	281°, 46%, 44%
HSV	281°, 63%, 64%
XYZ	17.8853, 10.9234, 36.2877
YIQ	93.9710, 9.2530, 47.0850

Conversions

Conversions Part 2

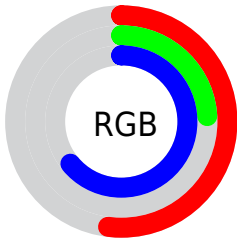
Format	Color
RYB	132, 61, 164
Decimal	8666532
CIELab	39.45, 47.51, -43.06
CIELCh	39, 64.117, 317.812
Yxy	10.9234, 0.2748, 0.1678
Android (android.graphics.Color)	4286856612 (0xFF843DA4)
YUV	93.9710, 34.5243, 33.3514
Hunter-Lab	33.0505, 38.7570, -41.9620

Details

The Hex color **843DA4** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5DA43D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **BC71DC**, and **4F026F** is the 20% darker color. If you saturate the color by 10%, you get **7F2DA4**, and if you desaturate by 10%, it is **894DA4**.

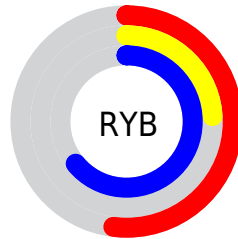
Distribution



Red (52%)

Green (24%)

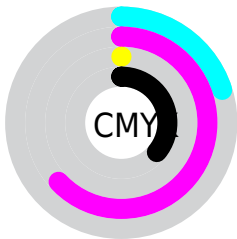
Blue (64%)



Red (52%)

Yellow (24%)

Blue (64%)

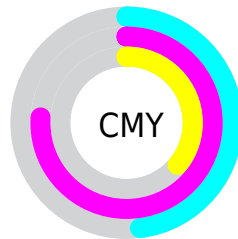


Cyan (20%)

Magenta (63%)

Yellow (0%)

Black (36%)



Cyan (48%)

Magenta (76%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 843DA4 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 843DA4 by changing the saturation by 10% instead.

843DA4

843DA4

FFFFFF

692389

BC71DC

4F026F

D88BF8

340056

F6A6FF

1F003F

FFC2FF

000128

FFDFFF

000111

FFFCFF

000000

843DA4

843DA4

7F2DA4

894DA4

 7A1CA4

 8E5EA4

 750CA4

 936EA4

 7100A4

 987FA4

 9D8FA4

 A39FA4

 A8B0A4

 ADC0A4

 B2D1A4

Harmonies

Analogous

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



0059C2



843DA4



AD1975

Triad

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



843DA4



835300



00737C

Complementary

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



843DA4



5DA43D

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.



007245



843DA4



556400

Square

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



843DA4



A5380B



006D05



0071AA

Rectangle

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



843DA4



B60F52



006D05



00736A

Sweetspot

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



843DA4



CAAED6



3D5EA4



63526B



EBEBEB



6B6B6B

Same Dimension

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



843DA4



A436D6



A43D91



4F4952



640091



0C0012

Inverse Universe

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



A43D5D



D63667



3DA450



52494C



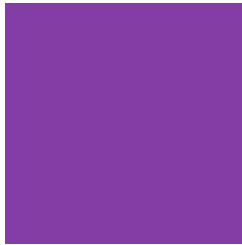
91002D



120006

Previews

White Background



This preview shows how the Hex color 843DA4 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

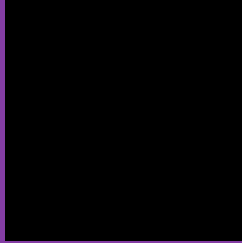
Any Text WCAG AA × Fail

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 843DA4 Background



This preview shows how black text looks on a background with the Hex color 843DA4.

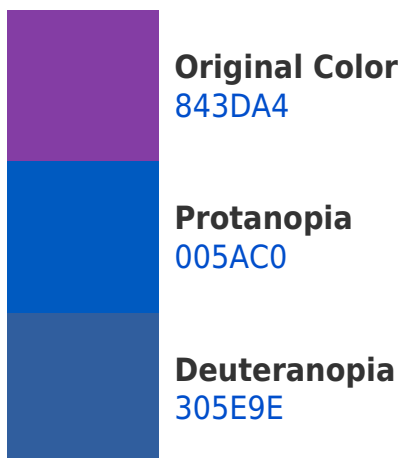


This preview shows how white text looks on a background with the Hex color 843DA4.

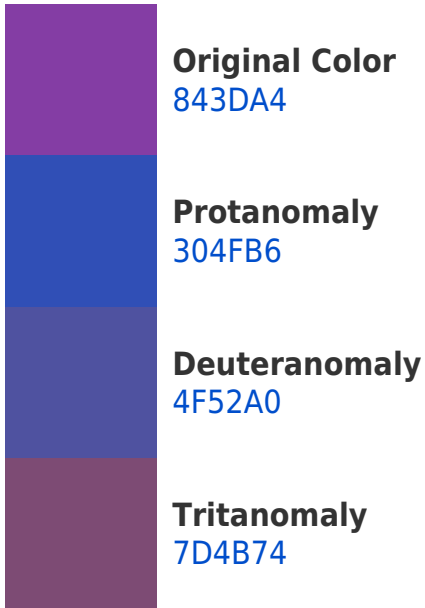
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 843DA4 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 #843DA4 looks like.

```
.text, #text, p{  
    color:#843DA4  
}
```

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 #843DA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #843DA4
}
```

Border

The CSS property to change the border of an element to Hex 843DA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

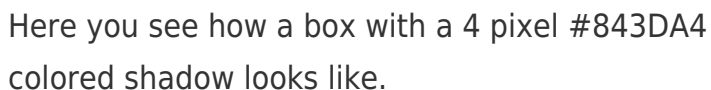
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#843DA4 }
```

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

```
.border{ border-color:#843DA4 }
```

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



Here you see how a box with a 4 pixel #843DA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #843DA4; -webkit-box-shadow:4px 4px  
4px 4px #843DA4; box-shadow:4px 4px 4px  
4px #843DA4 }
```

Background

The CSS property to change the background color of an element to Hex 843DA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#843DA4 }
```

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

```
.background{ background-color:#843DA4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor