

Converting Colors

Hex(847DA3)

Have a look what the booklet for
Hex(847DA3) contains.

Hex(847DA3)	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(847DA3)

Conversions

Conversions Part 1

Format	Color
Hex	847DA3
RGB	132, 125, 163
RGB Percent	52%, 49%, 64%
CMY	0.4824, 0.5098, 0.3608
CMYK	0.19, 0.23, 0.00, 0.36
HSL	251°, 17%, 56%
HSV	251°, 23%, 64%
XYZ	23.4602, 22.2171, 37.7022
YIQ	131.4250, -8.0260, 13.3020

Conversions

Conversions Part 2

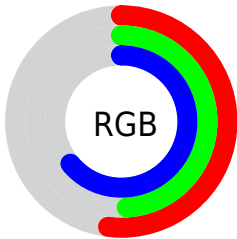
Format	Color
R_{YB}	132, 125, 163
Decimal	8682915
CIE _{Lab}	54.26, 10.81, -19.31
CIE _{LCh}	54, 22.131, 299.244
Yxy	22.2171, 0.2814, 0.2665
Android (android.graphics.Color)	4286872995 (0xFF847DA3)
YUV	131.4250, 15.5665, 0.5043
Hunter-Lab	47.1350, 6.3573, -14.4301

Details

The Hex color **847DA3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9CA37D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B9B2DA**, and **524C6F** is the 20% darker color. If you saturate the color by 10%, you get **776DA3**, and if you desaturate by 10%, it is **918DA3**.

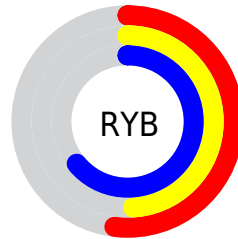
Distribution



Red (52%)

Green (49%)

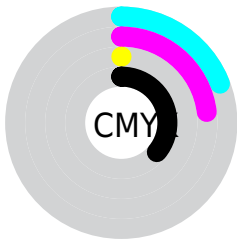
Blue (64%)



Red (52%)

Yellow (49%)

Blue (64%)

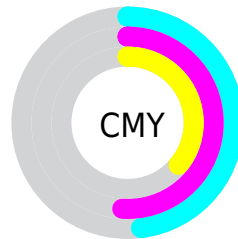


Cyan (19%)

Magenta (23%)

Yellow (0%)

Black (36%)



Cyan (48%)

Magenta (51%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 847DA3 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 847DA3 by changing the saturation by 10% instead.

847DA3

847DA3

FFFFFF

6A6489

B9B2DA

524C6F

D5CDF7

3A3557

F2E9FF

24203F

100929

000114

000000

847DA3

847DA3

776DA3

918DA3

695CA3

9F9EA3

5C4CA3

ACAEA3

4F3CA3

B9BEA3

422CA3

C6CEA3

341BA3

D4DFA3

270BA3

E1EFA3

1E00A3

EEFFA3

FCFFA3

Harmonies

Analogous

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



6984A8



847DA3



9A7796

Triad

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



847DA3



A07A62



528C81

Complementary

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



847DA3



9CA37D

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.



668A6E



847DA3



90805C

Square

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



847DA3



A87570



7C8660



488C94

Rectangle

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



847DA3



A37489



7C8660



588C7A

Sweetspot

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



847DA3



C8C5D4



7D9CA3



64636B



EBEBEB



6B6B6B

Same Dimension

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



847DA3



A398D4



977DA3



4B4952



1B0091



030012

Inverse Universe

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



A37D9C



D498C9



89A37D



524950



910077



12000F

Previews

White Background



This preview shows how the Hex color 847DA3 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

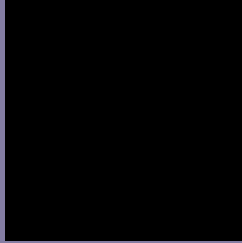
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 847DA3 Background



This preview shows how black text looks on a background with the Hex color 847DA3.



This preview shows how white text looks on a background with the Hex color 847DA3.

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
847DA3

Protanopia
7880A5

Deuteranopia
7D7FA3



Tritanopia
80818C

Trichromacy



Original Color
847DA3

Protanomaly
7C7FA4

Deuteranomaly
807EA3

Tritanomaly
818094

Monochromacy



Original Color
847DA3

Achromatopsia
838383

Achromatomaly
83818F

CSS Examples

Text

The CSS property to change the color of the text to Hex 847DA3 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 #847DA3 looks like.

```
.text, #text, p{  
    color:#847DA3  
}
```

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 #847DA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847DA3
}
```

Border

The CSS property to change the border of an element to Hex 847DA3 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
#847DA3 }
```

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

```
.border{ border-color:#847DA3 }
```

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

Here you see how a box with a 4 pixel #847DA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847DA3; -webkit-box-shadow:4px 4px  
4px 4px #847DA3; box-shadow:4px 4px 4px  
4px #847DA3 }
```

Background

The CSS property to change the background color of an element to Hex 847DA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847DA3 }
```

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

```
.background{ background-color:#847DA3 }
```

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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