

Converting Colors

Hex(8345A7)

Have a look what the booklet for
Hex(8345A7) contains.

Hex(8345A7)	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(8345A7)

Conversions

Conversions Part 1

Format	Color
Hex	8345A7
RGB	131, 69, 167
RGB Percent	51%, 27%, 65%
CMY	0.4863, 0.7294, 0.3451
CMYK	0.22, 0.59, 0.00, 0.35
HSL	278°, 42%, 46%
HSV	278°, 59%, 65%
XYZ	18.4632, 11.8716, 37.8775
YIQ	98.7100, 5.4940, 43.6220

Conversions

Conversions Part 2

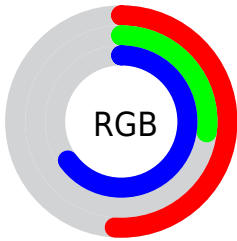
Format	Color
RYB	131, 69, 167
Decimal	8603047
CIELab	41.01, 43.84, -42.36
CIElCh	41, 60.962, 315.978
Yxy	11.8716, 0.2707, 0.1740
Android (android.graphics.Color)	4286793127 (0xFF8345A7)
YUV	98.7100, 33.6670, 28.3183
Hunter-Lab	34.4551, 35.3552, -41.0607

Details

The Hex color **8345A7** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **69A745**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **BA78DF**, and **4E1172** is the 20% darker color. If you saturate the color by 10%, you get **7D34A7**, and if you desaturate by 10%, it is **8956A7**.

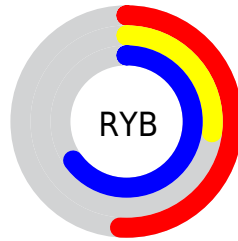
Distribution



Red (51%)

Green (27%)

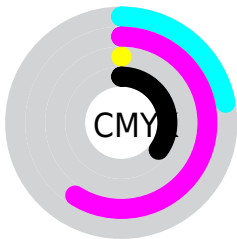
Blue (65%)



Red (51%)

Yellow (27%)

Blue (65%)

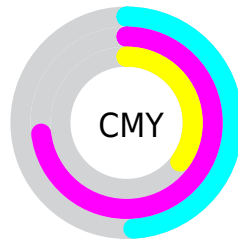


Cyan (22%)

Magenta (59%)

Yellow (0%)

Black (35%)



Cyan (49%)

Magenta (73%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8345A7 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 8345A7 by changing the saturation by 10% instead.

8345A7

8345A7

FFFFFF

682C8C

BA78DF

4E1172

D793FC

340059

F4AEFF

1E0041

FFCAFF

00002A

FFE6FF

000114

000000

8345A7

8345A7

7D34A7

8956A7

7724A7

8F66A7

7113A7

9577A7

6A02A7

9C88A7

6A00A7

A298A7

A8A9A7

AEBA7

B4CBA7

BADBA7

Harmonies

Analogous

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



045EC2



8345A7



AD297A

Triad

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



8345A7



895600



00777B

Complementary

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



8345A7



69A745

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.



007547



8345A7



5D6700

Square

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



8345A7



A93E18



17700E



0075A8

Rectangle

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



8345A7



B72159



17700E



00766A

Sweetspot

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



8345A7



CAB2D9



456BA7



65566E



EDEDED



6E6E6E

Same Dimension

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



8345A7



A141D9



A7459C



514C54



5E0094



0D0014

Inverse Universe

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



A74569



D94179



45A750



544C4F



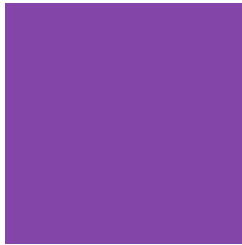
940036



140007

Previews

White Background



This preview shows how the Hex color 8345A7 looks on a white background.

Color Contrast Check

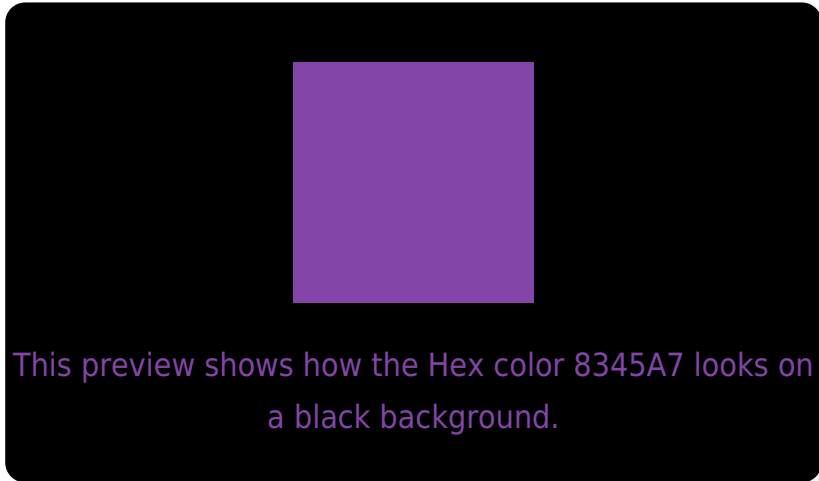
Large Text (above 18pt) WCAG AA ✓ Pass

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

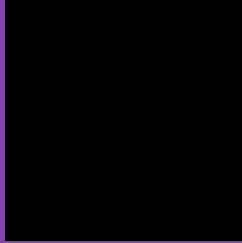
Any Text WCAG AA × Fail

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 8345A7 Background



This preview shows how black text looks on a background with the Hex color 8345A7.

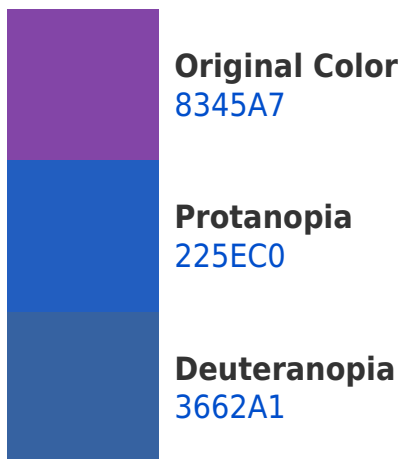



This preview shows how white text looks on a background with the Hex color 8345A7.

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
78595F

Trichromacy



Original Color
8345A7



Protanomaly
4555B7



Deuteranomaly
5257A3



Tritanomaly
7C5279

Monochromacy



Original Color
8345A7



Achromatopsia
636363



Achromatomaly
6F587C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8345A7 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 #8345A7 looks like.

```
.text, #text, p{  
    color:#8345A7  
}
```

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 #8345A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8345A7
}
```

Border

The CSS property to change the border of an element to Hex 8345A7 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
#8345A7 }
```

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

```
.border{ border-color:#8345A7 }
```

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

Here you see how a box with a 4 pixel #8345A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8345A7; -webkit-box-shadow:4px 4px  
4px 4px #8345A7; box-shadow:4px 4px 4px  
4px #8345A7 }
```

Background

The CSS property to change the background color of an element to Hex 8345A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8345A7 }
```

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

```
.background{ background-color:#8345A7 }
```

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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