

Converting Colors

Hex(845777)

Have a look what the booklet for
Hex(845777) contains.

Hex(845777)	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(845777)

Conversions

Conversions Part 1

Format	Color
Hex	845777
RGB	132, 87, 119
RGB Percent	52%, 34%, 47%
CMY	0.4824, 0.6588, 0.5333
CMYK	0.00, 0.34, 0.10, 0.48
HSL	317°, 21%, 43%
HSV	317°, 34%, 52%
XYZ	16.2537, 13.0538, 19.1157
YIQ	104.1030, 16.5480, 19.4920

Conversions

Conversions Part 2

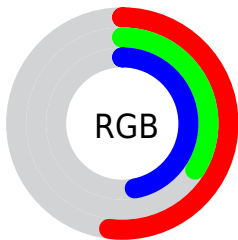
Format	Color
R_{YB}	132, 87, 119
Decimal	8673143
CIE _{Lab}	42.84, 23.89, -10.53
CIE _{LCh}	43, 26.109, 336.207
Yxy	13.0538, 0.3357, 0.2696
Android (android.graphics.Color)	4286863223 (0xFF845777)
YUV	104.1030, 7.3442, 24.4657
Hunter-Lab	36.1301, 17.0734, -6.0781

Details

The Hex color **845777** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **578464**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **BA8AAB**, and **512847** is the 20% darker color. If you saturate the color by 10%, you get **844A73**, and if you desaturate by 10%, it is **84647B**.

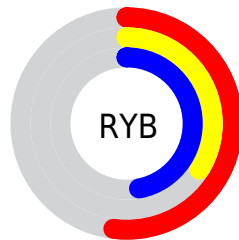
Distribution



Red (52%)

Green (34%)

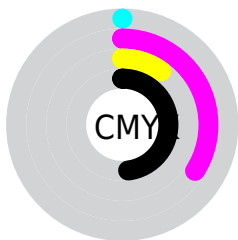
Blue (47%)



Red (52%)

Yellow (34%)

Blue (47%)

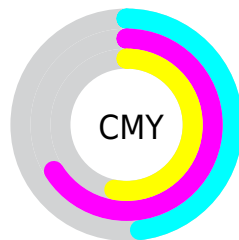


Cyan (0%)

Magenta (34%)

Yellow (10%)

Black (48%)



Cyan (48%)

Magenta (66%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 845777 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 845777 by changing the saturation by 10% instead.

845777

845777

FFFFFF

6A3F5E

BA8AAB

512847

D6A4C7

3A1230

F2BFE3

25001C

FFDBFF

000000

FFF8FF

845777

845777

844A73

84647B

843D6F

84717F

 842F6C

 847F82

 842268

 848C86

 841564

 84998A

 840860

 84A68E

 84005E

 84B392

 84C196

 84CE99

Harmonies

Analogous

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



6E5E88



845777



8F5461

Triad

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



845777



6F653A



03707E

Complementary

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



845777



578464

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.



1E7169



845777



586B42

Square

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



845777



825E3E



3D6F53



266C8C

Rectangle

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



845777



8F5653



3D6F53



077077

Sweetspot

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



845777



AB9AA6



645784



574C54



D6D6D6



575757

Same Dimension

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



845777



AB6597



845761



423C40



82005C



030002

Inverse Universe

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



845777



AB6597



57847A



423C40



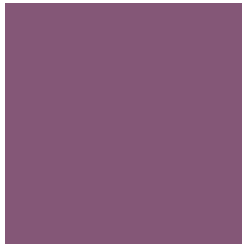
82005C



030002

Previews

White Background



This preview shows how the Hex color 845777 looks on a white background.

Color Contrast Check

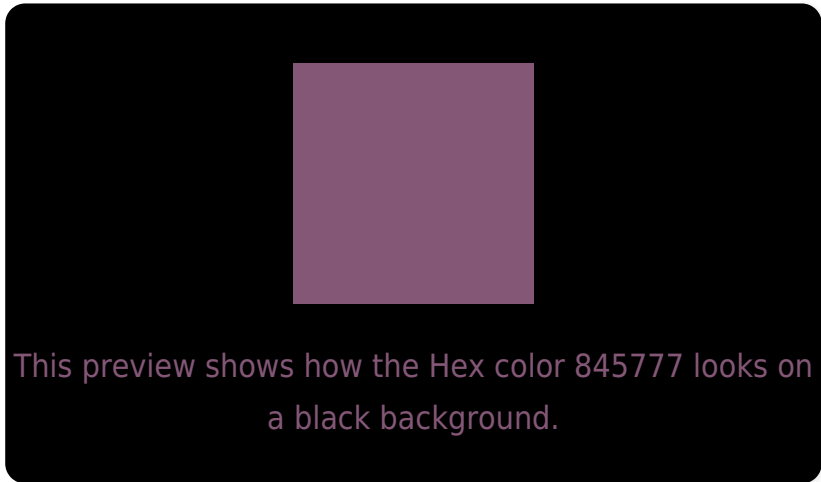
Large Text (above 18pt) WCAG AA ✓ Pass

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

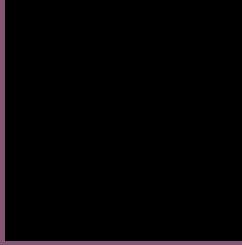
Any Text WCAG AA × Fail

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 845777 Background



This preview shows how black text looks on a background with the Hex color 845777.



This preview shows how white text looks on a background with the Hex color 845777.

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
845777

Protanopia
5F6480

Deuteranopia
686375



Tritanopia
815B62

Trichromacy



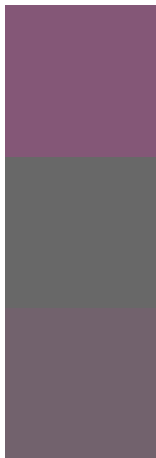
Original Color
845777

Protanomaly
6C5F7D

Deuteranomaly
725F76

Tritanomaly
825A6A

Monochromacy



Original Color
845777

Achromatopsia
686868

Achromatomaly
72626D

CSS Examples

Text

The CSS property to change the color of the text to Hex 845777 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 #845777 looks like.

```
.text, #text, p{  
    color:#845777  
}
```

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 #845777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #845777
}
```

Border

The CSS property to change the border of an element to Hex 845777 is called "border". The border property can be set on classes, ids or directly on the HTML element.

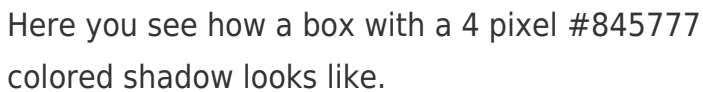
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#845777 }
```

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

```
.border{ border-color:#845777 }
```

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



Here you see how a box with a 4 pixel #845777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #845777; -webkit-box-shadow:4px 4px  
4px 4px #845777; box-shadow:4px 4px 4px  
4px #845777 }
```

Background

The CSS property to change the background color of an element to Hex 845777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#845777 }
```

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

```
.background{ background-color:#845777 }
```

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