

Converting Colors

Hex(865799)

Have a look what the booklet for
Hex(865799) contains.

Hex(865799)	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(865799)

Conversions

Conversions Part 1

Format	Color
Hex	865799
RGB	134, 87, 153
RGB Percent	53%, 34%, 60%
CMY	0.4745, 0.6588, 0.4000
CMYK	0.12, 0.43, 0.00, 0.40
HSL	283°, 27%, 47%
HSV	283°, 43%, 60%
XYZ	18.9895, 14.1846, 31.8740
YIQ	108.5770, 6.8260, 30.4900

Conversions

Conversions Part 2

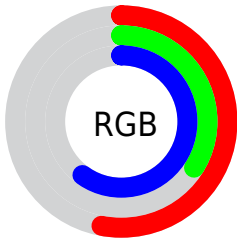
Format	Color
R_{YB}	134, 87, 153
Decimal	8804249
CIE _{Lab}	44.50, 31.54, -28.49
CIE _{LCh}	44, 42.503, 317.904
Yxy	14.1846, 0.2919, 0.2181
Android (android.graphics.Color)	4286994329 (0xFF865799)
YUV	108.5770, 21.9005, 22.2960
Hunter-Lab	37.6625, 24.0906, -23.8138

Details

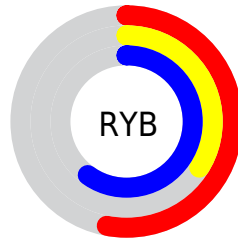
The Hex color **865799** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6A9957**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **BC8AD0**, and **532766** is the 20% darker color. If you saturate the color by 10%, you get **824899**, and if you desaturate by 10%, it is **8A6699**.

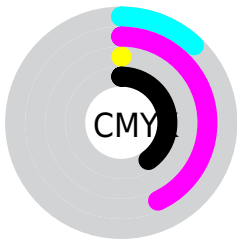
Distribution



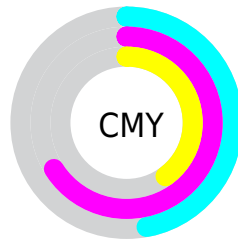
- Red (53%)
- Green (34%)
- Blue (60%)



- Red (53%)
- Yellow (34%)
- Blue (60%)



- Cyan (12%)
- Magenta (43%)
- Yellow (0%)
- Black (40%)



- Cyan (47%)
- Magenta (66%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 865799 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 865799 by changing the saturation by 10% instead.

 865799

 865799

FFFFFF

 6C3F7F

 BC8AD0

 532766

 D9A5EC

 3A104D

 F5C0FF

 230036

 FFDCFF

 000020

 FFF9FF

 000004

 000000

 865799

 865799

 824899

 8A6699

7D3899

8F7699

792999

938599

741A99

989499

700B99

9CA399

6D0099

A0B399

A5C299

A9D199

AEE199

Harmonies

Analogous

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



5166AD



865799



A34B79

Triad

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



865799



896221



007B7E

Complementary

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



865799



6A9957

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.



007A59



865799



686E21

Square

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



865799



A05536



3F7637



00789D

Rectangle

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



865799



AA4961



3F7637



007B72

Sweetspot

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



865799



BFADC7



576B99



5F5463



E3E3E3



636363

Same Dimension

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



865799



A95FC7



99578C



4A454D



64008C



09000D

Inverse Universe

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



99576A



C75F7D



579964



4D4547



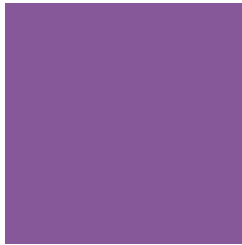
8C0028



0D0004

Previews

White Background



This preview shows how the Hex color 865799 looks on a white background.

Color Contrast Check

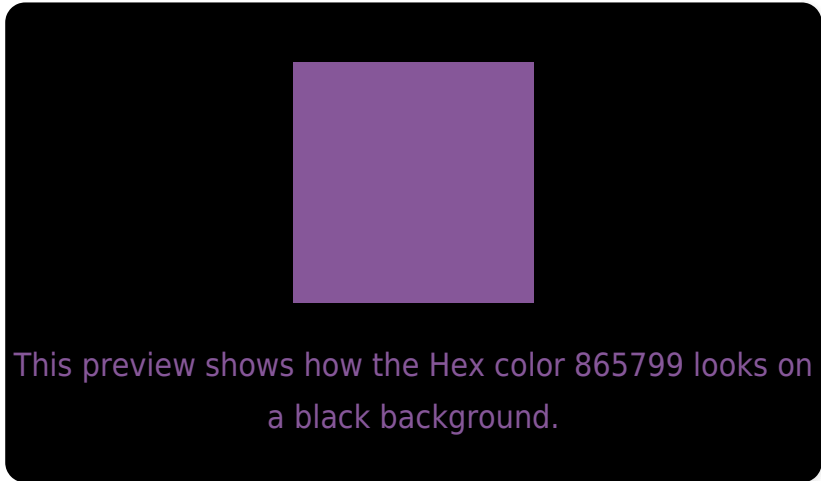
Large Text (above 18pt) WCAG AA ✓ Pass

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

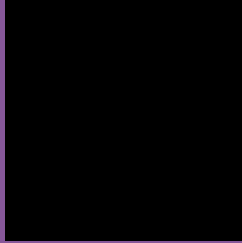
Any Text WCAG AA × Fail

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 865799 Background



This preview shows how black text looks on a background with the Hex color 865799.




This preview shows how white text looks on a background with the Hex color 865799.

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
7F6269

Trichromacy



Original Color
865799

Protanomaly
6561A2

Deuteranomaly
696297

Tritanomaly
825E7A

Monochromacy



Original Color
865799

Achromatopsia
6D6D6D

Achromatomaly
76657D

CSS Examples

Text

The CSS property to change the color of the text to Hex 865799 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 #865799 looks like.

```
.text, #text, p{  
    color:#865799  
}
```

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 #865799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #865799
}
```

Border

The CSS property to change the border of an element to Hex 865799 is called "border". The border property can be set on classes, ids or directly on the HTML element.

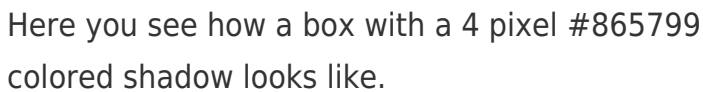
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#865799 }
```

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

```
.border{ border-color:#865799 }
```

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



Here you see how a box with a 4 pixel #865799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #865799; -webkit-box-shadow:4px 4px  
4px 4px #865799; box-shadow:4px 4px 4px  
4px #865799 }
```

Background

The CSS property to change the background color of an element to Hex 865799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#865799 }
```

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

```
.background{ background-color:#865799 }
```

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