

# Converting Colors

Hex(865795)

Have a look what the booklet for  
Hex(865795) contains.

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# Color

**Hex(865795)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	865795
RGB	134, 87, 149
RGB Percent	53%, 34%, 58%
CMY	0.4745, 0.6588, 0.4157
CMYK	0.10, 0.42, 0.00, 0.42
HSL	285°, 26%, 46%
HSV	285°, 42%, 58%
XYZ	18.6645, 14.0546, 30.1629
YIQ	108.1210, 8.1100, 29.2460

# Conversions

## Conversions Part 2

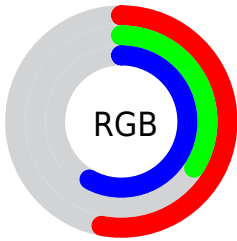
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 87, 149
Decimal	8804245
CIELab	44.31, 30.66, -26.39
CIELCh	44, 40.455, 319.279
Yxy	14.0546, 0.2968, 0.2235
Android (android.graphics.Color)	4286994325 (0xFF865795)
YUV	108.1210, 20.1533, 22.6959
Hunter-Lab	37.4895, 23.2613, -21.4601

# Details

The Hex color **865795** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **669557**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **BC8ACB**, and **532862** is the 20% darker color. If you saturate the color by 10%, you get **824895**, and if you desaturate by 10%, it is **8A6695**.

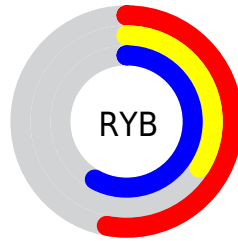
# Distribution



Red (53%)

Green (34%)

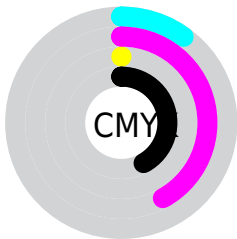
Blue (58%)



Red (53%)

Yellow (34%)

Blue (58%)

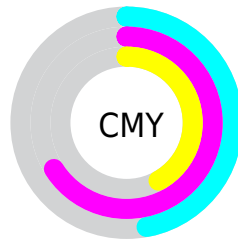


Cyan (10%)

Magenta (42%)

Yellow (0%)

Black (42%)



Cyan (47%)

Magenta (66%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 865795 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 865795 by changing the saturation by 10% instead.



 865795

 865795

FFFFFF

 6C3F7B

 BC8ACB

 532862

 D8A4E8

 3A104A

 F5C0FF

 240033

 FFDCFF

 00001D

 FFF9FF

 000000

 865795

 865795

 824895

 8A6695

 7F3995

 8D7595

 7B2A95

 918495

 781B95

 949395

 740C95

 98A295

 710095

 9CB095

 9FBF95

 A3CE95

 A6DD95

# Harmonies

## Analogous

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



5665A8



865795



A04C76

# Triad

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



865795



866324



00797E

# Complementary

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



865795



669557

# 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.



00795B



865795



666E25

# Square

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



865795



9D5637



3F753B



00779B

# Rectangle

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



865795



A74B60



3F753B



007973



# Sweetspot

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



865795



BCABC2



576795



5E5361



E0E0E0



616161



# Same Dimension

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



865795



AA61C2



955786



48434A



68008A



08000A



# Inverse Universe

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



955766



C26178



579567



4A4344



8A0021

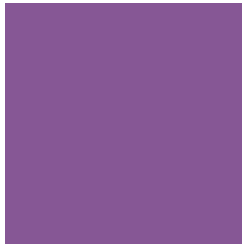


0A0002



# Previews

## White Background



This preview shows how the Hex color 865795 looks on a white background.

## Color Contrast Check

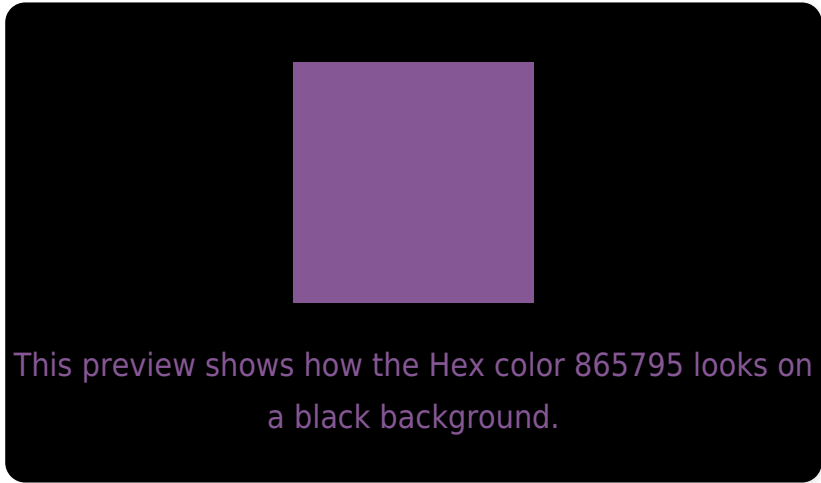
Large Text (above 18pt) WCAG AA ✓ Pass

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

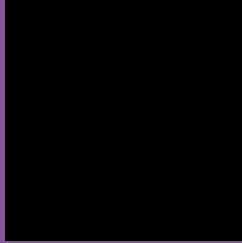
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 865795 Background



This preview shows how black text looks on a background with the Hex color 865795.



This preview shows how white text looks on a background with the Hex color 865795.

# 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**  
7F6168

# Trichromacy



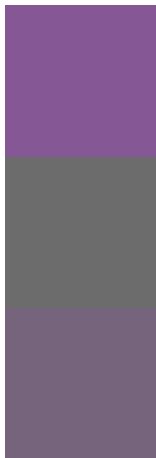
**Original Color**  
865795

**Protanomaly**  
66619D

**Deuteranomaly**  
6B6293

**Tritanomaly**  
825D78

# Monochromacy



**Original Color**  
865795

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
75647B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 865795 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 #865795 looks like.

```
.text, #text, p{  
    color:#865795  
}
```

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 #865795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #865795
}
```

## Border

The CSS property to change the border of an element to Hex 865795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

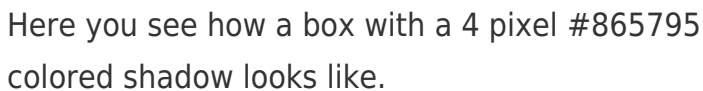
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#865795 }
```

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

```
.border{ border-color:#865795 }
```

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



Here you see how a box with a 4 pixel #865795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #865795; -webkit-box-shadow:4px 4px  
4px 4px #865795; box-shadow:4px 4px 4px  
4px #865795 }
```

# Background

The CSS property to change the background color of an element to Hex 865795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#865795 }
```

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

```
.background{ background-color:#865795 }
```

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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