

# Converting Colors

Hex(845381)

Have a look what the booklet for  
Hex(845381) contains.

|  |    |
|--|----|
| <b>Hex(845381)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Hex(845381)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 845381                     |
| RGB           | 132, 83, 129               |
| RGB Percent   | 52%, 33%, 51%              |
| CMY           | 0.4824, 0.6745, 0.4941     |
| CMYK          | 0.00, 0.37, 0.02, 0.48     |
| HSL           | 304°, 23%, 42%             |
| HSV           | 304°, 37%, 52%             |
| XYZ           | 16.5714, 12.6770, 22.3424  |
| YIQ           | 102.8950, 14.4380, 24.6940 |

# Conversions

## Conversions Part 2

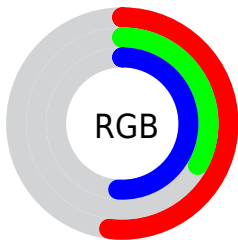
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 132, 83, 129                  |
| Decimal                             | 8672129                       |
| CIE <sub>Lab</sub>                  | 42.27, 28.15, -17.50          |
| CIE <sub>LCh</sub>                  | 42, 33.144, 328.140           |
| Yxy                                 | 12.6770, 0.3212,<br>0.2457    |
| Android<br>(android.graphics.Color) | 4286862209<br>(0xFF845381)    |
| YUV                                 | 102.8950, 12.8698,<br>25.5251 |
| Hunter-Lab                          | 35.6048, 20.7702,<br>-12.2817 |

# Details

The Hex color **845381** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **538456**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **BA86B6**, and **512450** is the 20% darker color. If you saturate the color by 10%, you get **844680**, and if you desaturate by 10%, it is **846082**.

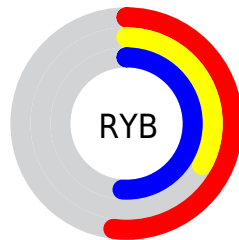
# Distribution



Red (52%)

Green (33%)

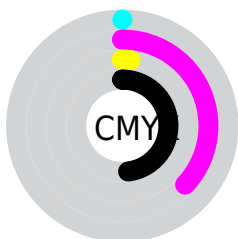
Blue (51%)



Red (52%)

Yellow (33%)

Blue (51%)

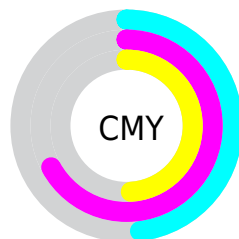


Cyan (0%)

Magenta (37%)

Yellow (2%)

Black (48%)



Cyan (48%)

Magenta (67%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 845381 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 845381 by changing the saturation by 10% instead.



845381

845381

FFFFFF

6A3B68

BA86B6

512450

D6A0D2

390D39

F3BBEE

250023

FFD7FF

00000A

FFF4FF

000000

845381

845381

844680

846082

84397F

846D83

842B7F

847B83

841E7E

848884

84117D

849585

84047C

84A286

84007C

84AF87

84BD87

84CA88

# Harmonies

## Analogous

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



635D94



845381



954D67

# Triad

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



845381



76622C



00717D

# Complementary

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



845381



538456

# 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.



007261



845381



5A6A32

# Square

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



845381



8B5836



386F46



006E92

# Rectangle

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



845381



984E54



386F46



007274



# Sweetspot

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



845381



AB98AA



555384



574B56



D6D6D6



575757



# Same Dimension

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



845381



AB5EA6



845369



423C42



82007A



030002



# Inverse Universe

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



845381



AB5EA6



53846E



423C42



82007A

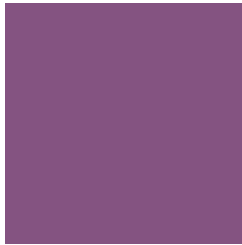


030002



# Previews

## White Background



This preview shows how the Hex color 845381 looks on a white background.

## Color Contrast Check

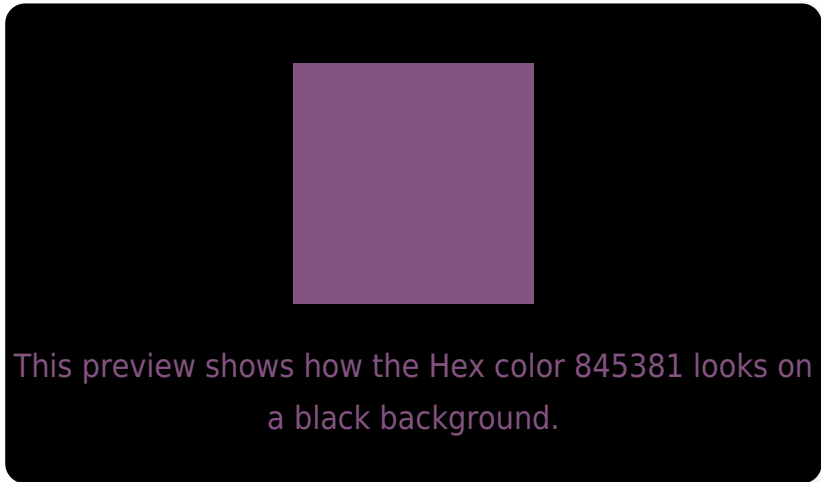
Large Text (above 18pt) WCAG AA ✓ Pass

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

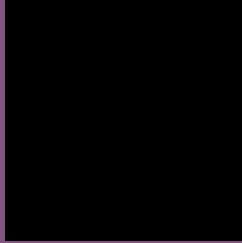
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 845381 Background



This preview shows how black text looks on a background with the Hex color 845381.




This preview shows how white text looks on a background with the Hex color 845381.

# 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**  
805A61

# Trichromacy



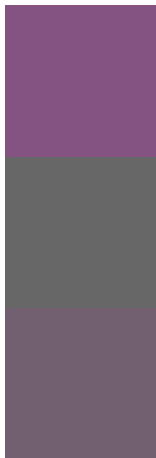
**Original Color**  
845381

**Protanomaly**  
675D89

**Deuteranomaly**  
6D5D7F

**Tritanomaly**  
81576D

# Monochromacy



**Original Color**  
845381

**Achromatopsia**  
676767

**Achromatomaly**  
726070

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 845381 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 #845381 looks like.

```
.text, #text, p{  
    color:#845381  
}
```

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 #845381 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #845381
}
```

## Border

The CSS property to change the border of an element to Hex 845381 is called "border". The border property can be set on classes, ids or directly on the HTML element.

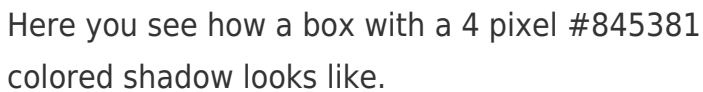
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#845381 }
```

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

```
.border{ border-color:#845381 }
```

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



Here you see how a box with a 4 pixel #845381 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #845381; -webkit-box-shadow:4px 4px  
4px 4px #845381; box-shadow:4px 4px 4px  
4px #845381 }
```

# Background

The CSS property to change the background color of an element to Hex 845381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#845381 }
```

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

```
.background{ background-color:#845381 }
```

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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