

Converting Colors

Hex(837586)

Have a look what the booklet for
Hex(837586) contains.

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Color

Hex(837586)

Conversions

Conversions Part 1

Format	Color
Hex	837586
RGB	131, 117, 134
RGB Percent	51%, 46%, 53%
CMY	0.4863, 0.5412, 0.4745
CMYK	0.02, 0.13, 0.00, 0.47
HSL	289°, 7%, 49%
HSV	289°, 13%, 53%
XYZ	20.0244, 19.2691, 25.2182
YIQ	123.1240, 2.8870, 8.2550

Conversions

Conversions Part 2

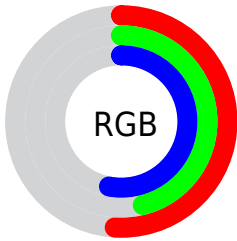
Format	Color
R_{YB}	131, 117, 134
Decimal	8615302
CIE Lab	51.00, 8.72, -7.31
CIE LCh	51, 11.376, 320.048
Yxy	19.2691, 0.3104, 0.2987
Android (android.graphics.Color)	4286805382 (0xFF837586)
YUV	123.1240, 5.3619, 6.9073
Hunter-Lab	43.8966, 4.6079, -3.3339

Details

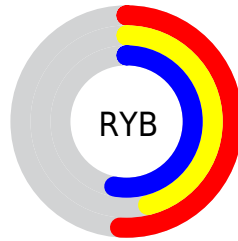
The Hex color **837586** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **788675**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B8A9BB**, and **524554** is the 20% darker color. If you saturate the color by 10%, you get **816886**, and if you desaturate by 10%, it is **858286**.

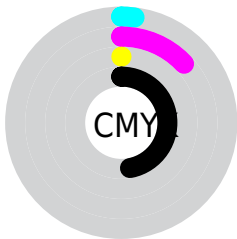
Distribution



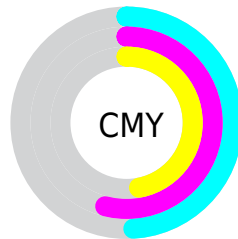
- Red (51%)
- Green (46%)
- Blue (53%)



- Red (51%)
- Yellow (46%)
- Blue (53%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837586 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 837586 by changing the saturation by 10% instead.

 837586

 837586

FFFFFF

 6A5C6D

 B8A9BB

 524554


 D4C4D7

 3A2E3D

 F0E0F3

 251A27


 FFFDFF

 110013

 000000

 837586

 837586

 816886

 858286

 7E5A86

 889086

7C4D86

8A9D86

7A3F86

8CAB86

773286

8FB886

752586

91C586

721786

94D386

700A86

96E086

6E0086

98EE86

Harmonies

Analogous

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



77788C



837586



8B737D

Triad

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



837586



847867



617F80

Complementary

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



837586



788675

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.



667F76



837586



7A7B67

Square

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



837586



8C756B



6F7D6D



627E88

Rectangle

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



837586



8E7376



6F7D6D



617F7C

Sweetspot

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



837586



ACA6AD



757886



565257



D6D6D6



575757

Same Dimension

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



837586



A993AD



867581



413C42



6B0082



020003

Inverse Universe

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



867578



AD9398



75867A



423C3D



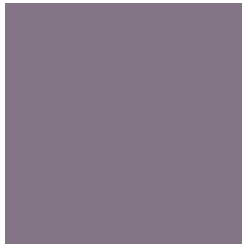
820017



030000

Previews

White Background



This preview shows how the Hex color 837586 looks on a white background.

Color Contrast Check

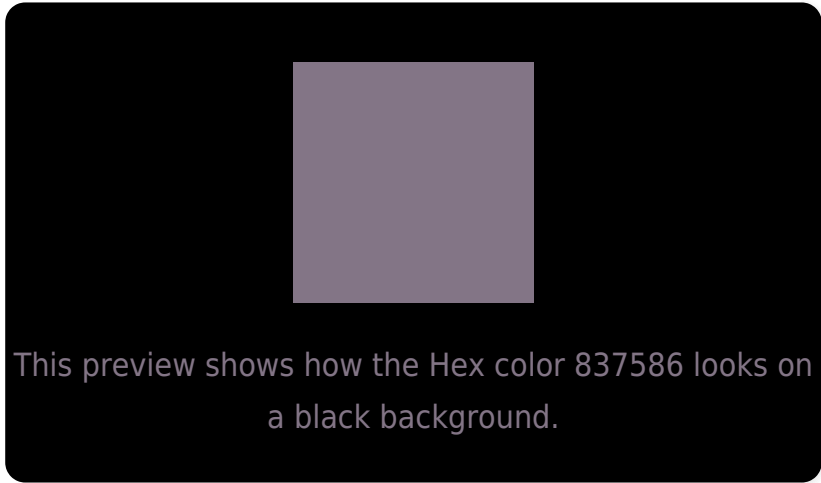
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

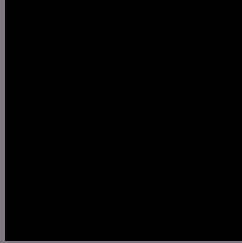
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 837586 Background



This preview shows how black text looks on a background with the Hex color 837586.



This preview shows how white text looks on a background with the Hex color 837586.

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
837586

Protanopia
777988

Deuteranopia
807686



Tritanopia
82767F

Trichromacy



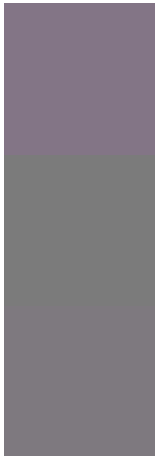
Original Color
837586

Protanomaly
7B7887

Deuteranomaly
817686

Tritanomaly
827682

Monochromacy



Original Color
837586

Achromatopsia
7B7B7B

Achromatomaly
7E797F

CSS Examples

Text

The CSS property to change the color of the text to Hex 837586 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 #837586 looks like.

```
.text, #text, p{  
    color:#837586  
}
```

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 #837586 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837586
}
```

Border

The CSS property to change the border of an element to Hex 837586 is called "border". The border property can be set on classes, ids or directly on the HTML element.

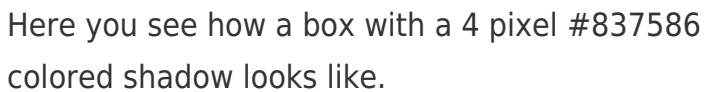
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#837586 }
```

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

```
.border{ border-color:#837586 }
```

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



Here you see how a box with a 4 pixel #837586 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837586; -webkit-box-shadow:4px 4px  
4px 4px #837586; box-shadow:4px 4px 4px  
4px #837586 }
```

Background

The CSS property to change the background color of an element to Hex 837586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837586 }
```

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

```
.background{ background-color:#837586 }
```

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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