

Converting Colors

Hex(88407C)

Have a look what the booklet for
Hex(88407C) contains.

Hex(88407C)	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(88407C)

Conversions

Conversions Part 1

Format	Color
Hex	88407C
RGB	136, 64, 124
RGB Percent	53%, 25%, 49%
CMY	0.4667, 0.7490, 0.5137
CMYK	0.00, 0.53, 0.09, 0.47
HSL	310°, 36%, 39%
HSV	310°, 53%, 53%
XYZ	15.6248, 10.3563, 20.2442
YIQ	92.3680, 23.6520, 33.9240

Conversions

Conversions Part 2

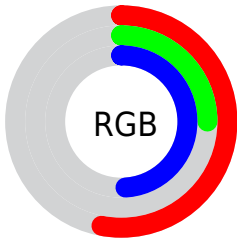
Format	Color
R_{YB}	136, 64, 124
Decimal	8929404
CIE _{Lab}	38.47, 39.10, -20.23
CIE _{LCh}	38, 44.022, 332.644
Yxy	10.3563, 0.3380, 0.2240
Android (android.graphics.Color)	4287119484 (0xFF88407C)
YUV	92.3680, 15.5946, 38.2653
Hunter-Lab	32.1812, 30.3496, -14.7708

Details

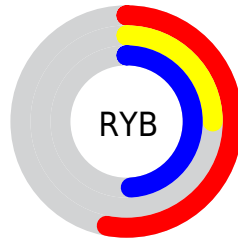
The Hex color **88407C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **40884C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **BF73B1**, and **540B4B** is the 20% darker color. If you saturate the color by 10%, you get **88327A**, and if you desaturate by 10%, it is **884E7E**.

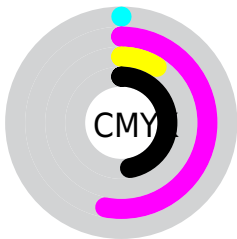
Distribution



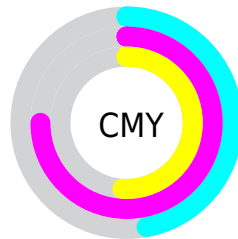
- Red (53%)
- Green (25%)
- Blue (49%)



- Red (53%)
- Yellow (25%)
- Blue (49%)



- Cyan (0%)
- Magenta (53%)
- Yellow (9%)
- Black (47%)



- Cyan (47%)
- Magenta (75%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88407C 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 88407C by changing the saturation by 10% instead.

 88407C

 88407C

FFFFFF

 6E2763

 BF73B1

 540B4B

 DB8DCC

 3B0034

 F9A8E8

 26001F

 FFC4FF

 000001

 FFE0FF

 000000

 FFFDFF

 88407C

 88407C

 88327A

 884E7E

■ 882577

■ 885B81

■ 881775

■ 886983

■ 880A73

■ 887685

■ 880071

■ 888487

■ 88928A

■ 889F8C

■ 88AD8E

■ 88BA90

Harmonies

Analogous

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



5F5097



88407C



9A3859

Triad

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



88407C



6A5A07



006B80

Complementary

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



88407C



40884C

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.



006B5D



88407C



456318

Square

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



88407C



864C19



006938



00679A

Rectangle

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



88407C



9A3A41



006938



006B75

Sweetspot

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



88407C



B094AB



4C4088



594856



D9D9D9



595959

Same Dimension

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



88407C



B03F9D



884058



453E44



85006E



050004

Inverse Universe

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



88407C



B03F9D



408870



453E44



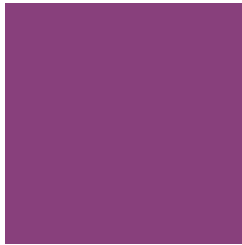
85006E



050004

Previews

White Background



This preview shows how the Hex color 88407C looks on a white background.

Color Contrast Check

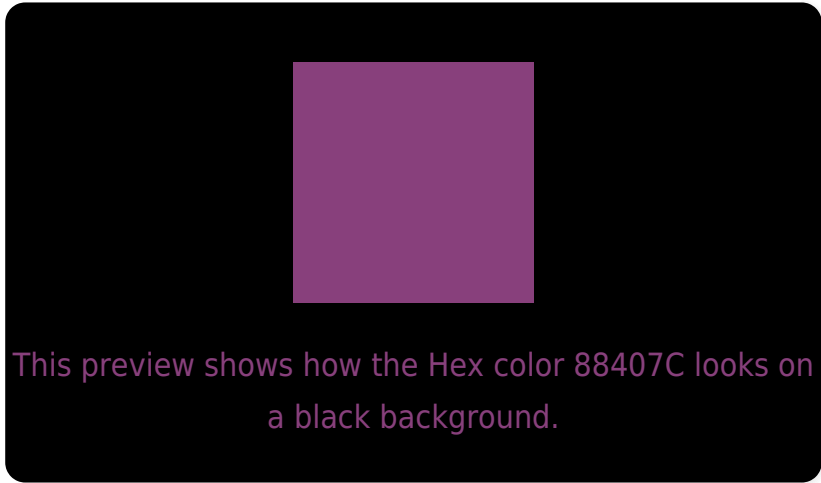
Large Text (above 18pt) WCAG AA ✓ Pass

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

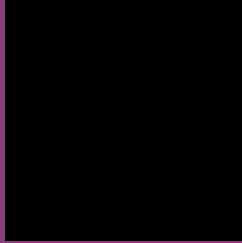
Any Text WCAG AA × Fail

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 88407C Background



This preview shows how black text looks on a background with the Hex color 88407C.

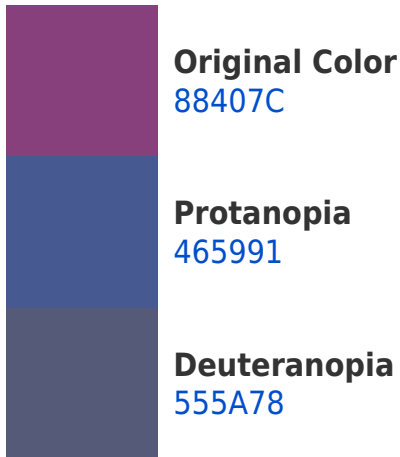


This preview shows how white text looks on a background with the Hex color 88407C.

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
834A50

Trichromacy



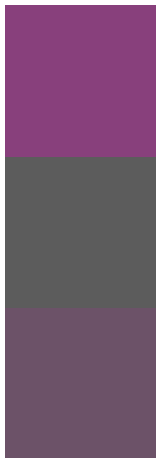
Original Color
88407C

Protanomaly
5E5089

Deuteranomaly
685179

Tritanomaly
854660

Monochromacy



Original Color
88407C

Achromatopsia
5C5C5C

Achromatomaly
6C5268

CSS Examples

Text

The CSS property to change the color of the text to Hex 88407C 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 #88407C looks like.

```
.text, #text, p{  
    color:#88407C  
}
```

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 #88407C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88407C
}
```

Border

The CSS property to change the border of an element to Hex 88407C is called "border". The border property can be set on classes, ids or directly on the HTML element.

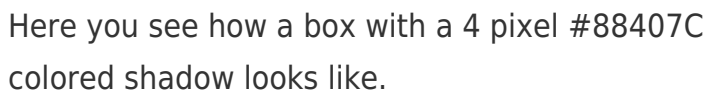
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#88407C }
```

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

```
.border{ border-color:#88407C }
```

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



Here you see how a box with a 4 pixel #88407C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88407C; -webkit-box-shadow:4px 4px  
4px 4px #88407C; box-shadow:4px 4px 4px  
4px #88407C }
```

Background

The CSS property to change the background color of an element to Hex 88407C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88407C }
```

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

```
.background{ background-color:#88407C }
```

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