

Converting Colors

Hex(805480)

Have a look what the booklet for
Hex(805480) contains.

Hex(805480)	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(805480)

Conversions

Conversions Part 1

Format	Color
Hex	805480
RGB	128, 84, 128
RGB Percent	50%, 33%, 50%
CMY	0.4980, 0.6706, 0.4980
CMYK	0.00, 0.34, 0.00, 0.50
HSL	300°, 21%, 42%
HSV	300°, 34%, 50%
XYZ	15.9687, 12.4884, 21.9909
YIQ	102.1720, 12.1000, 23.0120

Conversions

Conversions Part 2

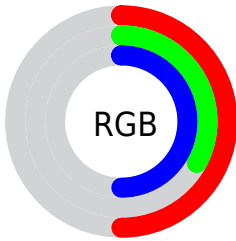
Format	Color
R_{YB}	128, 84, 128
Decimal	8410240
CIE _{Lab}	41.98, 25.97, -17.37
CIE _{LCh}	42, 31.250, 326.222
Yxy	12.4884, 0.3165, 0.2475
Android (android.graphics.Color)	4286600320 (0xFF805480)
YUV	102.1720, 12.7332, 22.6512
Hunter-Lab	35.3389, 18.8164, -12.1582

Details

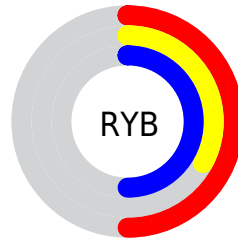
The Hex color **805480** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **548054**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B686B5**, and **4E254F** is the 20% darker color. If you saturate the color by 10%, you get **804780**, and if you desaturate by 10%, it is **806180**.

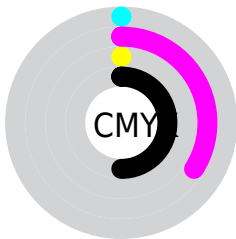
Distribution



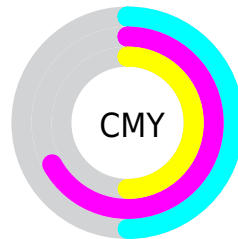
- Red (50%)
- Green (33%)
- Blue (50%)



- Red (50%)
- Yellow (33%)
- Blue (50%)



- Cyan (0%)
- Magenta (34%)
- Yellow (0%)
- Black (50%)



- Cyan (50%)
- Magenta (67%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 805480 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 805480 by changing the saturation by 10% instead.

 805480

 805480

FFFFFF

 663C67

 B686B5

 4E254F

 D1A1D1

 360F38

 EEBCED

 220022

 FFD8FF

 000009

 FFF5FF

 000000

 805480

 805480

 804780

 806180

 803A80

 806E80

 802E80

 807A80

 802180

 808780

 801480

 809480

 800780

 80A180

 800080

 80AE80

 80BA80

 80C780

Harmonies

Analogous

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



605E91



805480



914E67

Triad

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



805480



76602F



007079

Complementary

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



805480



548054

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.



07705F



805480



5C6833

Square

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



805480



895739



3D6E45



006D8D

Rectangle

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



805480



944E56



3D6E45



007071

Sweetspot

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



805480



A695A6



545480



544A54



D4D4D4



545454

Same Dimension

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



805480



A662A6



80546A



403940



800080



000000

Inverse Universe

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



805480



A662A6



54806A



403940



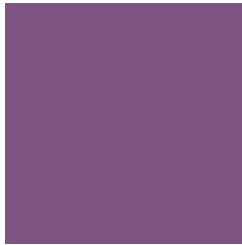
800080



000000

Previews

White Background



This preview shows how the Hex color 805480 looks on a white background.

Color Contrast Check

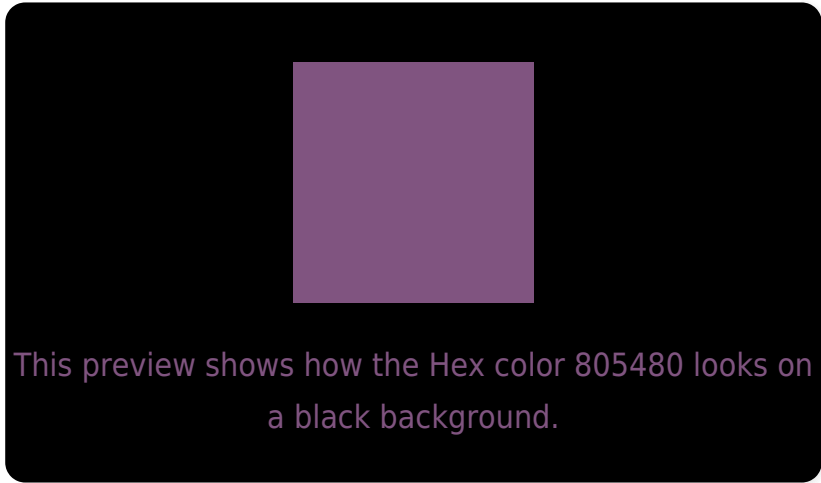
Large Text (above 18pt) WCAG AA ✓ Pass

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

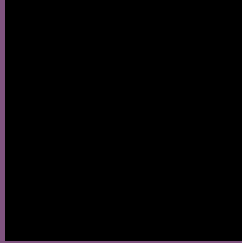
Any Text WCAG AA × Fail

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 805480 Background



This preview shows how black text looks on a background with the Hex color 805480.



This preview shows how white text looks on a background with the Hex color 805480.

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
7C5A61

Trichromacy



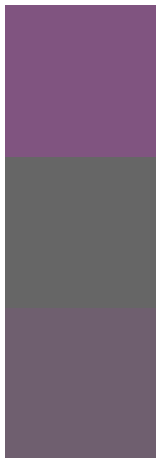
Original Color
805480

Protanomaly
665D87

Deuteranomaly
6C5C7E

Tritanomaly
7D586C

Monochromacy



Original Color
805480

Achromatopsia
666666

Achromatomaly
6F5F6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 805480 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 #805480 looks like.

```
.text, #text, p{  
    color:#805480  
}
```

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 #805480 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #805480
}
```

Border

The CSS property to change the border of an element to Hex 805480 is called "border". The border property can be set on classes, ids or directly on the HTML element.

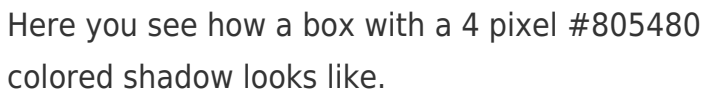
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#805480 }
```

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

```
.border{ border-color:#805480 }
```

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



Here you see how a box with a 4 pixel #805480 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #805480; -webkit-box-shadow:4px 4px  
4px 4px #805480; box-shadow:4px 4px 4px  
4px #805480 }
```

Background

The CSS property to change the background color of an element to Hex 805480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#805480 }
```

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

```
.background{ background-color:#805480 }
```

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