

# Converting Colors

Hex(807085)

Have a look what the booklet for  
Hex(807085) contains.

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# Color

**Hex(807085)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	807085
RGB	128, 112, 133
RGB Percent	50%, 44%, 52%
CMY	0.4980, 0.5608, 0.4784
CMYK	0.04, 0.16, 0.00, 0.48
HSL	286°, 9%, 48%
HSV	286°, 16%, 52%
XYZ	18.9299, 17.8710, 24.6420
YIQ	119.1780, 2.7950, 9.9230

# Conversions

## Conversions Part 2

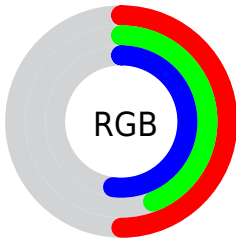
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 112, 133
Decimal	8417413
CIE <sub>Lab</sub>	49.34, 10.36, -9.23
CIE <sub>LCh</sub>	49, 13.872, 318.307
Yxy	17.8710, 0.3081, 0.2909
Android (android.graphics.Color)	4286607493 (0xFF807085)
YUV	119.1780, 6.8142, 7.7369
Hunter-Lab	42.2741, 5.9508, -4.9689

# Details

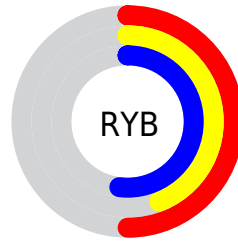
The Hex color **807085** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **758570**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B5A4BA**, and **4F4053** is the 20% darker color. If you saturate the color by 10%, you get **7D6385**, and if you desaturate by 10%, it is **837D85**.

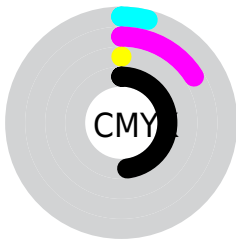
# Distribution



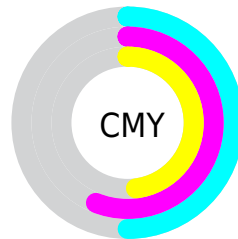
- Red (50%)
- Green (44%)
- Blue (52%)



- Red (50%)
- Yellow (44%)
- Blue (52%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)
- Black (48%)



- Cyan (50%)
- Magenta (56%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 807085 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 807085 by changing the saturation by 10% instead.



■ 807085

■ 807085

FFFFFF

■ 67586C

■ B5A4BA

■ 4F4053

■ D0BFD6

■ 382A3C

■ EDDBF2

■ 221627

■ FFF7FF

■ 0A0012

■ 000000

■ 807085

■ 807085

■ 7D6385

■ 837D85

■ 7A5585

■ 868B85

774885

8A9885

733B85

8DA585

702D85

90B385

6D2085

93C085

6A1385

96CD85

670685

99DA85

650085

9CE885

# Harmonies

## Analogous

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



71748B



807085



8A6D7A

# Triad

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



807085



83735E



567C7C

# Complementary

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



807085



758570

# 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.



5D7C70



807085



77775F

# Square

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



807085



8B6F64



697A65



587B86

# Rectangle

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



807085



8D6D72



697A65



587C78



# Sweetspot

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



807085



ABA5AD



707585



555157



D6D6D6



575757



# Same Dimension

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



807085



A68CAD



857080



413C42



630082



020003



# Inverse Universe

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



857075



AD8C94



708575



423C3D



82001F

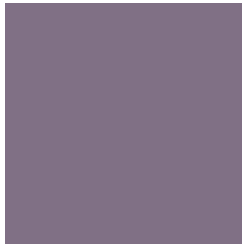


030001



# Previews

## White Background



This preview shows how the Hex color 807085 looks on a white background.

## Color Contrast Check

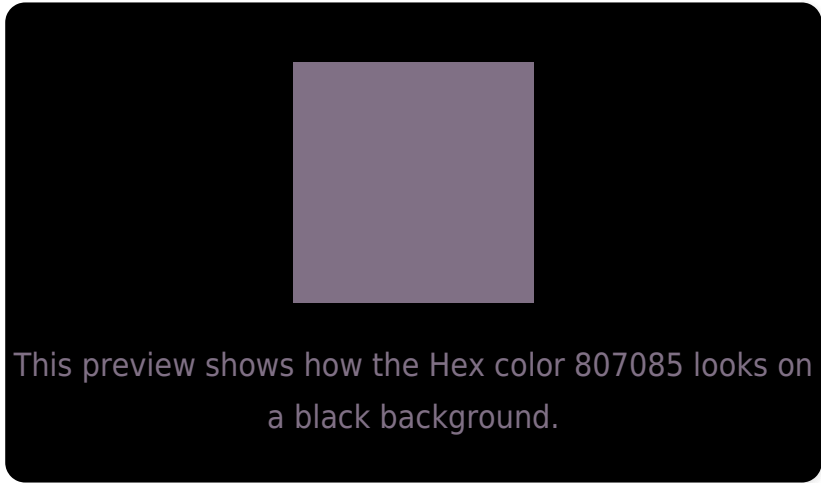
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

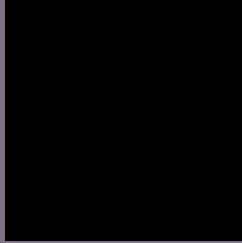
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 807085 Background



This preview shows how black text looks on a background with the Hex color 807085.



This preview shows how white text looks on a background with the Hex color 807085.

# 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**  
807085

**Protanopia**  
727488

**Deuteranopia**  
7A7285



**Tritanopia**  
7E727B

# Trichromacy



**Original Color**  
807085

**Protanomaly**  
777387

**Deuteranomaly**  
7C7185

**Tritanomaly**  
7F717F

# Monochromacy



**Original Color**  
807085

**Achromatopsia**  
777777

**Achromatomaly**  
7A747C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 807085 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 #807085 looks like.

```
.text, #text, p{  
    color:#807085  
}
```

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 #807085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807085
}
```

## Border

The CSS property to change the border of an element to Hex 807085 is called "border". The border property can be set on classes, ids or directly on the HTML element.

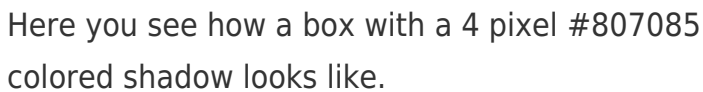
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#807085 }
```

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

```
.border{ border-color:#807085 }
```

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



Here you see how a box with a 4 pixel #807085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807085; -webkit-box-shadow:4px 4px  
4px 4px #807085; box-shadow:4px 4px 4px  
4px #807085 }
```

# Background

The CSS property to change the background color of an element to Hex 807085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807085 }
```

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

```
.background{ background-color:#807085 }
```

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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