

# Converting Colors

Hex(877470)

Have a look what the booklet for  
Hex(877470) contains.

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**Color**

**Hex(877470)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	877470
RGB	135, 116, 112
RGB Percent	53%, 45%, 44%
CMY	0.4706, 0.5451, 0.5608
CMYK	0.00, 0.14, 0.17, 0.47
HSL	10°, 9%, 48%
HSV	10°, 17%, 53%
XYZ	19.1617, 18.8115, 17.9503
YIQ	121.2250, 12.6080, 2.7840

# Conversions

## Conversions Part 2

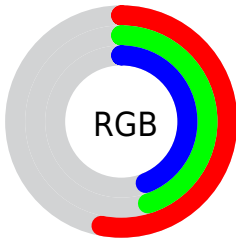
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 117, 112
Decimal	8877168
CIE Lab	50.47, 6.69, 4.93
CIE LCh	50, 8.311, 36.400
Yxy	18.8115, 0.3426, 0.3364
Android (android.graphics.Color)	4287067248 (0xFF877470)
YUV	121.2250, -4.5479, 12.0807
Hunter-Lab	43.3723, 2.9591, 5.8225

# Details

The Hex color **877470** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **708387**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **BCA8A4**, and **554440** is the 20% darker color. If you saturate the color by 10%, you get **876963**, and if you desaturate by 10%, it is **877F7E**.

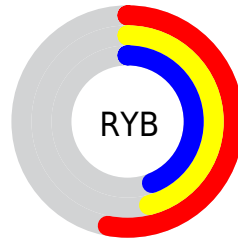
# Distribution



Red (53%)

Green (45%)

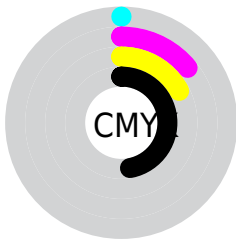
Blue (44%)



Red (53%)

Yellow (46%)

Blue (44%)

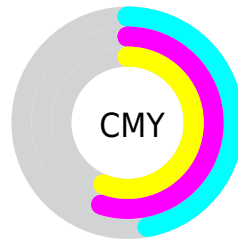


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (47%)



Cyan (47%)

Magenta (55%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 877470 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 877470 by changing the saturation by 10% instead.



877470

877470

FFFFFF

6E5B58

BCA8A4

554440

D8C3BF

3E2E2A

F5DFDB

271916

FFFCF7

120000

000000

877470

877470

876963

877F7E

875E55

878A8B

■ 875348

■ 879599

■ 87473A

■ 87A1A6

■ 873C2D

■ 87ACB3

■ 87311F

■ 87B7C1

■ 872612

■ 87C2CF

■ 871B04

■ 87CDDC

■ 871700

■ 87D8EA

# Harmonies

## Analogous

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



877377



877470



83766B

# Triad

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



877470



6D7C72



737886

# Complementary

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



877470



708387

# 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.



6B7A85



877470



677C79

# Square

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



877470



747A6D



677C80



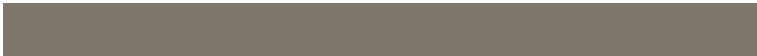
7B7683

# Rectangle

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



877470



7F776A



677C80



707986



# Sweetspot

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



877470



B0A9A7



877083



595554



D9D9D9



595959



# Same Dimension

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



877470



B0938D



877F70



423D3C



821700



030000



# Inverse Universe

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



708387



8DAAB0



707887



3C4142



006B82



000203



# Previews

## White Background



This preview shows how the Hex color 877470 looks on a white background.

## Color Contrast Check

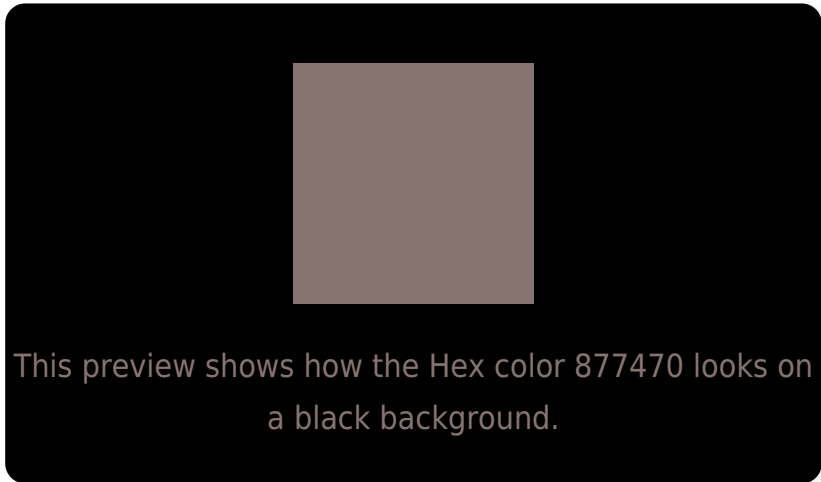
Large Text (above 18pt) WCAG AA ✓ Pass

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

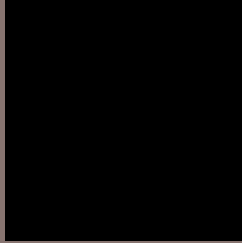
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 877470 Background



This preview shows how black text looks on a background with the Hex color 877470.



This preview shows how white text looks on a background with the Hex color 877470.

# 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**  
877470

**Protanopia**  
7C7872

**Deuteranopia**  
877470



**Tritanopia**  
88727B

# Trichromacy



**Original Color**  
877470

**Protanomaly**  
807771

**Deuteranomaly**  
877470

**Tritanomaly**  
887377

# Monochromacy



**Original Color**  
877470

**Achromatopsia**  
797979

**Achromatomaly**  
7E7776

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 877470 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 #877470 looks like.

```
.text, #text, p{  
    color:#877470  
}
```

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 #877470 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877470
}
```

## Border

The CSS property to change the border of an element to Hex 877470 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
#877470 }
```

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

```
.border{ border-color:#877470 }
```

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

Here you see how a box with a 4 pixel #877470 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877470; -webkit-box-shadow:4px 4px  
4px 4px #877470; box-shadow:4px 4px 4px  
4px #877470 }
```

# Background

The CSS property to change the background color of an element to Hex 877470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877470 }
```

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

```
.background{ background-color:#877470 }
```

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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