

# Converting Colors

Hex(877386)

Have a look what the booklet for  
Hex(877386) contains.

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# Color

**Hex(877386)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	877386
RGB	135, 115, 134
RGB Percent	53%, 45%, 53%
CMY	0.4706, 0.5490, 0.4745
CMYK	0.00, 0.15, 0.01, 0.47
HSL	303°, 8%, 49%
HSV	303°, 15%, 53%
XYZ	20.4255, 19.1336, 25.1709
YIQ	123.1460, 5.8210, 10.1490

# Conversions

## Conversions Part 2

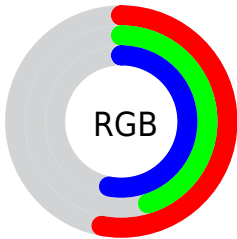
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 115, 134
Decimal	8876934
CIE <sub>Lab</sub>	50.84, 11.37, -7.50
CIE <sub>LCh</sub>	51, 13.623, 326.596
Yxy	19.1336, 0.3155, 0.2956
Android (android.graphics.Color)	4287067014 (0xFF877386)
YUV	123.1460, 5.3510, 10.3960
Hunter-Lab	43.7420, 6.8028, -3.4985

# Details

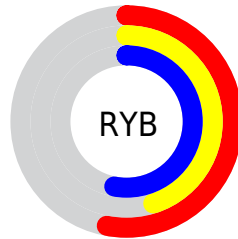
The Hex color **877386** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **738774**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **BCA7BB**, and **554354** is the 20% darker color. If you saturate the color by 10%, you get **876685**, and if you desaturate by 10%, it is **878187**.

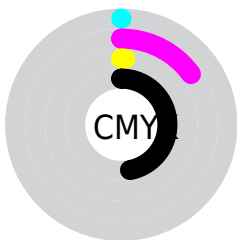
# Distribution



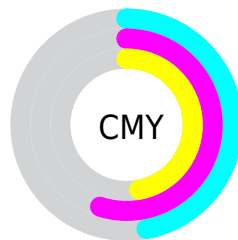
- Red (53%)
- Green (45%)
- Blue (53%)



- Red (53%)
- Yellow (45%)
- Blue (53%)



- Cyan (0%)
- Magenta (15%)
- Yellow (1%)
- Black (47%)



- Cyan (47%)
- Magenta (55%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 877386 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 877386 by changing the saturation by 10% instead.



■ 877386

■ 877386

FFFFFF

■ 6E5A6D

■ BCA7BB

■ 554354

■ D8C2D7

■ 3E2D3D

■ F5DEF3

■ 281827

■ FFFBFF

■ 150013

■ 000000

■ 877386

■ 877386

■ 876685

■ 878187

■ 875885

■ 878E87

874B84

879C88

873D83

87A989

873083

87B789

872282

87C48A

871581

87D28B

870781

87DF8B

870080

87ED8C

# Harmonies

## Analogous

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



7A778E



877386



8F717B

# Triad

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



877386



847862



5A8083

# Complementary

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



877386



738774

# 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.



5F8077



877386



777C64

# Square

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



877386



8D7466



6A7E6C



5E7E8C

# Rectangle

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



877386



927173



6A7E6C



5B807F



# Sweetspot

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



877386



B0A9B0



747387



595559



D9D9D9



595959



# Same Dimension

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



877386



B090AE



87737C



423C42



82007C



030002



# Inverse Universe

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



877386



B090AE



73877E



423C42



82007C



030002



# Previews

## White Background



This preview shows how the Hex color 877386 looks on a white background.

## Color Contrast Check

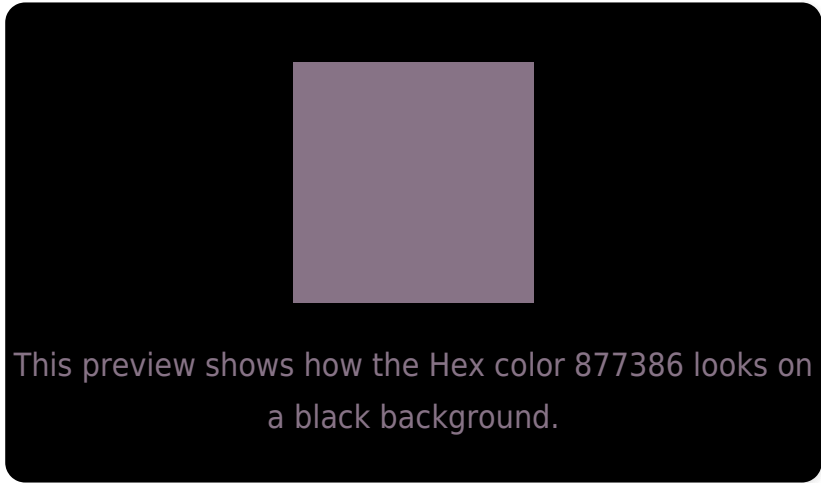
Large Text (above 18pt) WCAG AA ✓ Pass

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

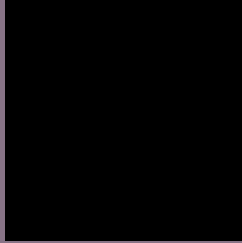
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 877386 Background



This preview shows how black text looks on a background with the Hex color 877386.



This preview shows how white text looks on a background with the Hex color 877386.

# 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**  
877386

**Protanopia**  
777889

**Deuteranopia**  
7F7685



**Tritanopia**  
86747E

# Trichromacy



**Original Color**  
877386

**Protanomaly**  
7D7688

**Deuteranomaly**  
827585

**Tritanomaly**  
867481

# Monochromacy



**Original Color**  
877386

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7F787F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 877386 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 #877386 looks like.

```
.text, #text, p{  
    color:#877386  
}
```

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 #877386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877386
}
```

## Border

The CSS property to change the border of an element to Hex 877386 is called "border". The border property can be set on classes, ids or directly on the HTML element.

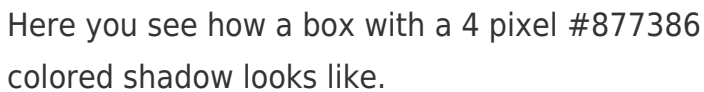
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#877386 }
```

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

```
.border{ border-color:#877386 }
```

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



Here you see how a box with a 4 pixel #877386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877386; -webkit-box-shadow:4px 4px  
4px 4px #877386; box-shadow:4px 4px 4px  
4px #877386 }
```

# Background

The CSS property to change the background color of an element to Hex 877386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877386 }
```

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

```
.background{ background-color:#877386 }
```

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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