

Converting Colors

Hex(877383)

Have a look what the booklet for
Hex(877383) contains.

Hex(877383)	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(877383)

Conversions

Conversions Part 1

Format	Color
Hex	877383
RGB	135, 115, 131
RGB Percent	53%, 45%, 51%
CMY	0.4706, 0.5490, 0.4863
CMYK	0.00, 0.15, 0.03, 0.47
HSL	312°, 8%, 49%
HSV	312°, 15%, 53%
XYZ	20.2191, 19.0511, 24.0843
YIQ	122.8040, 6.7840, 9.2160

Conversions

Conversions Part 2

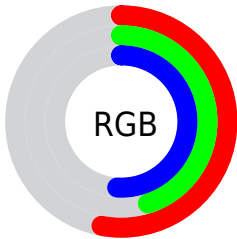
Format	Color
R_{YB}	135, 115, 131
Decimal	8876931
CIE _{Lab}	50.75, 10.78, -5.87
CIE _{LCh}	51, 12.272, 331.406
Yxy	19.0511, 0.3191, 0.3007
Android (android.graphics.Color)	4287067011 (0xFF877383)
YUV	122.8040, 4.0406, 10.6959
Hunter-Lab	43.6475, 6.3046, -2.1624

Details

The Hex color **877383** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **738777**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **BCA7B8**, and **554352** is the 20% darker color. If you saturate the color by 10%, you get **876680**, and if you desaturate by 10%, it is **878186**.

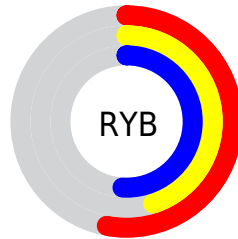
Distribution



Red (53%)

Green (45%)

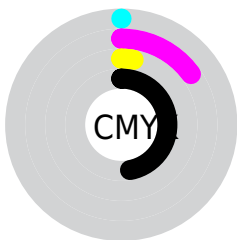
Blue (51%)



Red (53%)

Yellow (45%)

Blue (51%)

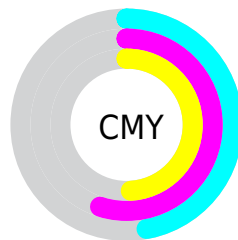


Cyan (0%)

Magenta (15%)

Yellow (3%)

Black (47%)



Cyan (47%)

Magenta (55%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 877383 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 877383 by changing the saturation by 10% instead.

877383

877383

FFFFFF

6E5A6A

BCA7B8

554352

D8C2D4

3E2D3B

F5DEF0

281825

FFFBFF

150010

000000

877383

877383

876680

878186

87587E

878E88

874B7B

879C8B

873D78

87A98E

873075

87B791

872273

87C493

871570

87D296

87076D

87DF99

87006C

87ED9B

Harmonies

Analogous

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



7B768B



877383



8E7279

Triad

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



877383



817864



5D7F83

Complementary

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



877383



738777

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.



607F79



877383



757C67

Square

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



877383



8A7567



697E6F



627D8B

Rectangle

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



877383



8F7272



697E6F



5E7F80

Sweetspot

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



877383



B0A9AF



777387



595558



D9D9D9



595959

Same Dimension

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



877383



B090AA



877379



423C41



820068



030002

Inverse Universe

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



877383



B090AA



738781



423C41



820068



030002

Previews

White Background



This preview shows how the Hex color 877383 looks on a white background.

Color Contrast Check

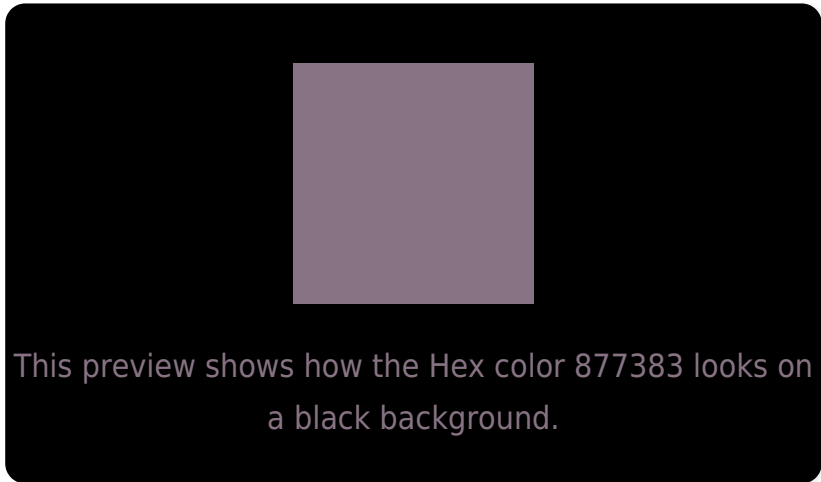
Large Text (above 18pt) WCAG AA ✓ Pass

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

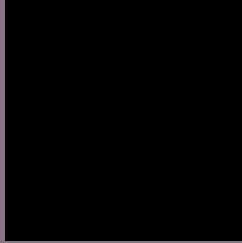
Any Text WCAG AA ✓ Pass

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 877383 Background



This preview shows how black text looks on a background with the Hex color 877383.



This preview shows how white text looks on a background with the Hex color 877383.

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
877383

Protanopia
777886

Deuteranopia
807683



Tritanopia
86747D

Trichromacy



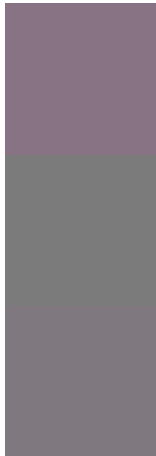
Original Color
877383

Protanomaly
7D7685

Deuteranomaly
837583

Tritanomaly
86747F

Monochromacy



Original Color
877383

Achromatopsia
7B7B7B

Achromatomaly
7F787E

CSS Examples

Text

The CSS property to change the color of the text to Hex 877383 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 #877383 looks like.

```
.text, #text, p{  
    color:#877383  
}
```

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 #877383 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877383
}
```

Border

The CSS property to change the border of an element to Hex 877383 is called "border". The border property can be set on classes, ids or directly on the HTML element.

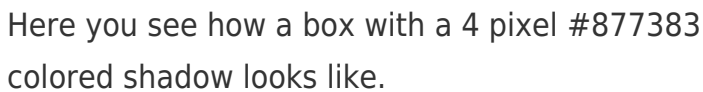
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#877383 }
```

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

```
.border{ border-color:#877383 }
```

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



Here you see how a box with a 4 pixel #877383 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877383; -webkit-box-shadow:4px 4px  
4px 4px #877383; box-shadow:4px 4px 4px  
4px #877383 }
```

Background

The CSS property to change the background color of an element to Hex 877383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877383 }
```

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

```
.background{ background-color:#877383 }
```

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