

Converting Colors

Hex(87737C)

Have a look what the booklet for
Hex(87737C) contains.

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Color

Hex(87737C)

Conversions

Conversions Part 1

Format	Color
Hex	87737C
RGB	135, 115, 124
RGB Percent	53%, 45%, 49%
CMY	0.4706, 0.5490, 0.5137
CMYK	0.00, 0.15, 0.08, 0.47
HSL	333°, 8%, 49%
HSV	333°, 15%, 53%
XYZ	19.7605, 18.8676, 21.6691
YIQ	122.0060, 9.0310, 7.0390

Conversions

Conversions Part 2

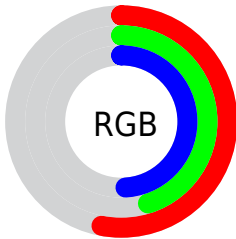
Format	Color
R_{YB}	135, 115, 124
Decimal	8876924
CIE _{Lab}	50.53, 9.43, -2.06
CIE _{LCh}	51, 9.650, 347.688
Yxy	18.8676, 0.3277, 0.3129
Android (android.graphics.Color)	4287067004 (0xFF87737C)
YUV	122.0060, 0.9830, 11.3957
Hunter-Lab	43.4369, 5.1896, 0.8281

Details

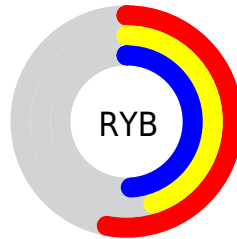
The Hex color **87737C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **73877E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **BCA7B0**, and **55434B** is the 20% darker color. If you saturate the color by 10%, you get **876675**, and if you desaturate by 10%, it is **878183**.

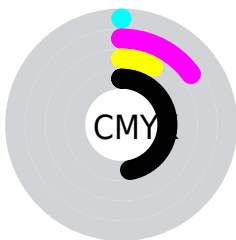
Distribution



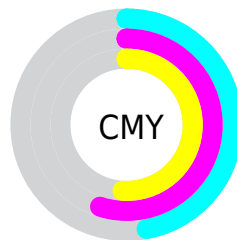
- Red (53%)
- Green (45%)
- Blue (49%)



- Red (53%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (47%)



- Cyan (47%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87737C 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 87737C by changing the saturation by 10% instead.



87737C



87737C

FFFFFF



6E5A63



BCA7B0



55434B



D8C2CC



3E2D35



F5DEE8



281820



FFFBFF



150007



000000



87737C



87737C



876675



878183



87586D



878E8B

 874B66

 879C92

 873D5E

 87A99A

 873057

 87B7A1

 87224F

 87C4A9

 871548

 87D2B0

 870741

 87DFB7

 87003D

 87EDBF

Harmonies

Analogous

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



807583



87737C



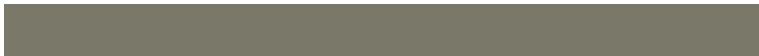
8A7374

Triad

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



87737C



7A7969



657C84

Complementary

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



87737C



73877E

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.



647D7D



87737C



707C6D

Square

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



87737C



827768



687D74



6C7A88

Rectangle

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



87737C



89746F



687D74



647D82

Sweetspot

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



87737C



B0A9AC



7E7387



595557



D9D9D9



595959

Same Dimension

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



87737C



B0909F



877473



423C3F



82003B



030001

Inverse Universe

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



87737C



B0909F



738687



423C3F



82003B



030001

Previews

White Background



This preview shows how the Hex color 87737C looks on a white background.

Color Contrast Check

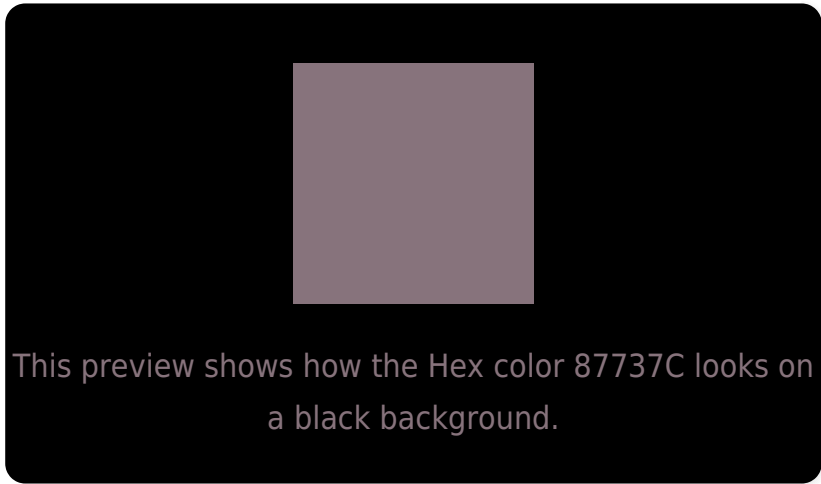
Large Text (above 18pt) WCAG AA ✓ Pass

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

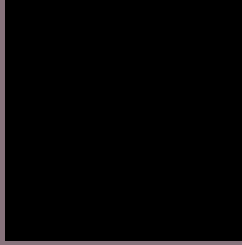
Any Text WCAG AA ✓ Pass

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 87737C Background



This preview shows how black text looks on a background with the Hex color 87737C.



This preview shows how white text looks on a background with the Hex color 87737C.

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
87737C

Protanopia
79787F

Deuteranopia
83757C



Tritanopia
87737C

Trichromacy



Original Color
87737C

Protanomaly
7E767E

Deuteranomaly
84747C

Tritanomaly
87737C

Monochromacy



Original Color
87737C

Achromatopsia
7A7A7A

Achromatomaly
7F777B

CSS Examples

Text

The CSS property to change the color of the text to Hex 87737C 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 #87737C looks like.

```
.text, #text, p{  
    color:#87737C  
}
```

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 #87737C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87737C
}
```

Border

The CSS property to change the border of an element to Hex 87737C is called "border". The border property can be set on classes, ids or directly on the HTML element.

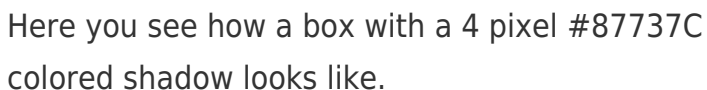
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87737C }
```

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

```
.border{ border-color:#87737C }
```

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



Here you see how a box with a 4 pixel #87737C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87737C; -webkit-box-shadow:4px 4px  
4px 4px #87737C; box-shadow:4px 4px 4px  
4px #87737C }
```

Background

The CSS property to change the background color of an element to Hex 87737C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87737C }
```

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

```
.background{ background-color:#87737C }
```

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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