

Converting Colors

Hex(83767A)

Have a look what the booklet for
Hex(83767A) contains.

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Color

Hex(83767A)

Conversions

Conversions Part 1

Format	Color
Hex	83767A
RGB	131, 118, 122
RGB Percent	51%, 46%, 48%
CMY	0.4863, 0.5373, 0.5216
CMYK	0.00, 0.10, 0.07, 0.49
HSL	342°, 5%, 49%
HSV	342°, 10%, 51%
XYZ	19.3514, 19.1873, 21.0959
YIQ	122.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

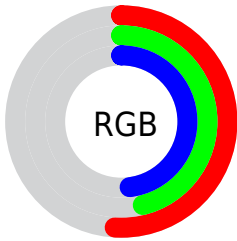
Format	Color
R_{YB}	131, 118, 122
Decimal	8615546
CIE Lab	50.91, 5.76, -0.37
CIE LCh	51, 5.771, 356.277
Yxy	19.1873, 0.3245, 0.3217
Android (android.graphics.Color)	4286805626 (0xFF83767A)
YUV	122.3430, -0.1691, 7.5922
Hunter-Lab	43.8033, 2.2016, 2.1079

Details

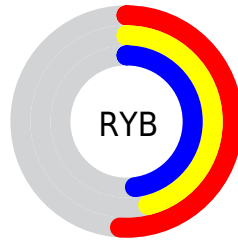
The Hex color **83767A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76837F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B8AAAE**, and **524649** is the 20% darker color. If you saturate the color by 10%, you get **836971**, and if you desaturate by 10%, it is **838383**.

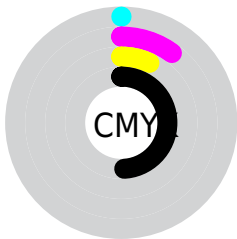
Distribution



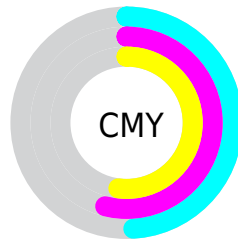
- Red (51%)
- Green (46%)
- Blue (48%)



- Red (51%)
- Yellow (46%)
- Blue (48%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (49%)



- Cyan (49%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83767A 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 83767A by changing the saturation by 10% instead.



83767A



83767A

FFFFFF



6A5D61



B8AAAE



524649



D4C5CA



3B2F33



F0E1E6



251B1E

FFFEFF



110004



000000



83767A



83767A



836971



838383



835C68



83908C

834F5F

839D95

834256

83AA9E

83354D

83B8A7

832744

83C5B0

831A3B

83D2B9

830D31

83DFC3

830028

83ECCC

Harmonies

Analogous

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



7F777F



83767A



847675

Triad

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



83767A



797A70



6F7B81

Complementary

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



83767A



76837F

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.



6D7C7D



83767A



737C74

Square

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



83767A



7E796F



6F7C78



747A83

Rectangle

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



83767A



837772



6F7C78



6E7C80

Sweetspot

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



83767A



ABA6A7



7F7683



575354



D6D6D6



575757

Same Dimension

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



83767A



AB969D



837876



423C3E



820028



030001

Inverse Universe

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



83767A



AB969D



768183



423C3E



820028



030001

Previews

White Background



This preview shows how the Hex color 83767A looks on a white background.

Color Contrast Check

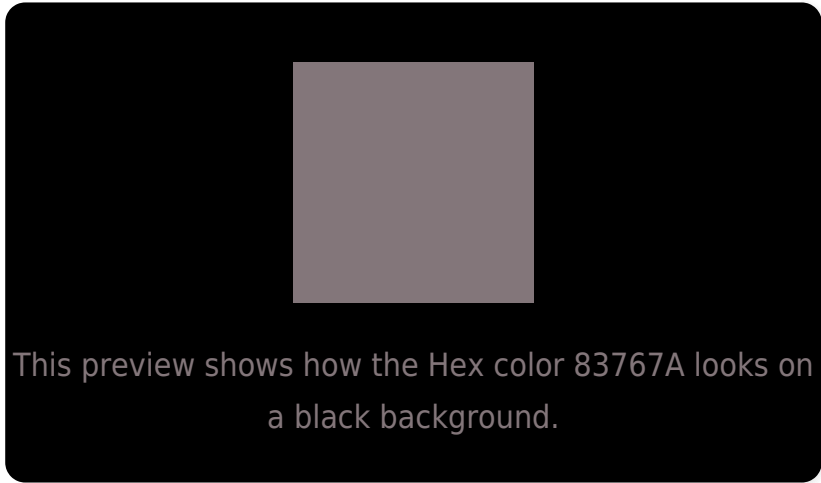
Large Text (above 18pt) WCAG AA ✓ Pass

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

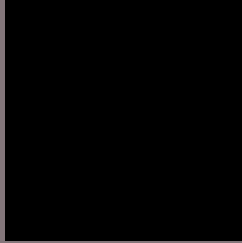
Any Text WCAG AA ✓ Pass

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 83767A Background



This preview shows how black text looks on a background with the Hex color 83767A.



This preview shows how white text looks on a background with the Hex color 83767A.

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
83767A

Protanopia
7B797C

Deuteranopia
85757A



Tritanopia
84757E

Trichromacy



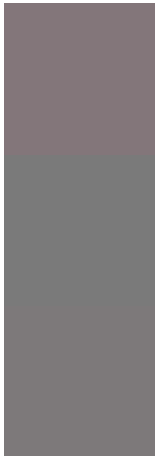
Original Color
83767A

Protanomaly
7E787B

Deuteranomaly
84757A

Tritanomaly
84757D

Monochromacy



Original Color
83767A

Achromatopsia
7A7A7A

Achromatomaly
7D797A

CSS Examples

Text

The CSS property to change the color of the text to Hex 83767A 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 #83767A looks like.

```
.text, #text, p{  
    color:#83767A  
}
```

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 #83767A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83767A
}
```

Border

The CSS property to change the border of an element to Hex 83767A 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".

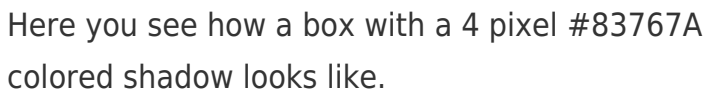
```
.border, #border, table{ border:4px solid
#83767A }
```

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

```
.border{ border-color:#83767A }
```

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

Here you see how a box with a 4 pixel #83767A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83767A; -webkit-box-shadow:4px 4px  
4px 4px #83767A; box-shadow:4px 4px 4px  
4px #83767A }
```

Background

The CSS property to change the background color of an element to Hex 83767A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83767A }
```

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

```
.background{ background-color:#83767A }
```

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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