

Converting Colors

Hex(83727D)

Have a look what the booklet for
Hex(83727D) contains.

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Color

Hex(83727D)

Conversions

Conversions Part 1

Format	Color
Hex	83727D
RGB	131, 114, 125
RGB Percent	51%, 45%, 49%
CMY	0.4863, 0.5529, 0.5098
CMYK	0.00, 0.13, 0.05, 0.49
HSL	321°, 7%, 48%
HSV	321°, 13%, 51%
XYZ	19.0791, 18.3406, 21.9365
YIQ	120.3370, 6.6010, 7.0250

Conversions

Conversions Part 2

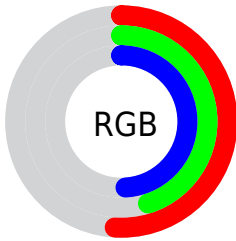
Format	Color
RYB	131, 114, 125
Decimal	8614525
CIELab	49.91, 8.68, -3.61
CIELCh	50, 9.401, 337.389
Yxy	18.3406, 0.3214, 0.3090
Android (android.graphics.Color)	4286804605 (0xFF83727D)
YUV	120.3370, 2.2989, 9.3515
Hunter-Lab	42.8259, 4.5769, -0.3917

Details

The Hex color **83727D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **728378**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B8A6B2**, and **52424C** is the 20% darker color. If you saturate the color by 10%, you get **836578**, and if you desaturate by 10%, it is **837F82**.

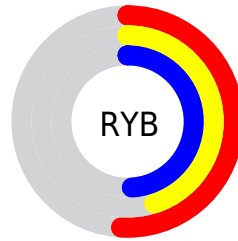
Distribution



Red (51%)

Green (45%)

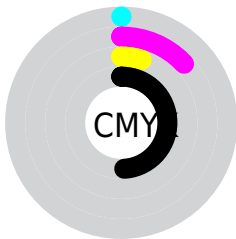
Blue (49%)



Red (51%)

Yellow (45%)

Blue (49%)

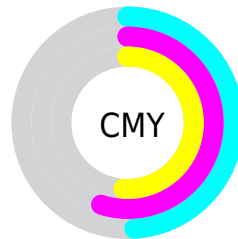


Cyan (0%)

Magenta (13%)

Yellow (5%)

Black (49%)



Cyan (49%)

Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83727D 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 83727D by changing the saturation by 10% instead.



83727D



83727D

FFFFFF



6A5964



B8A6B2



52424C



D4C1CD



3A2C36



F0DDE9



251720



FFF9FF



100009



000000



83727D



83727D



836578



837F82



835874



838C86

834B6F

83998B

833E6B

83A68F

833166

83B394

832361

83C199

83165D

83CE9D

830958

83DBA2

830055

83E8A7

Harmonies

Analogous

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



7B7483



83727D



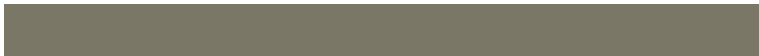
877175

Triad

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



83727D



7B7767



637B80

Complementary

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



83727D



728378

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.



647B78



83727D



72796A

Square

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



83727D



837468



697B70



687985

Rectangle

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



83727D



887270



697B70



627B7E

Sweetspot

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



83727D



ABA4A8



787283



575255



D6D6D6



575757

Same Dimension

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



83727D



AB90A1



837275



423C40



820054



030002

Inverse Universe

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



83727D



AB90A1



728380



423C40



820054



030002

Previews

White Background



This preview shows how the Hex color 83727D looks on a white background.

Color Contrast Check

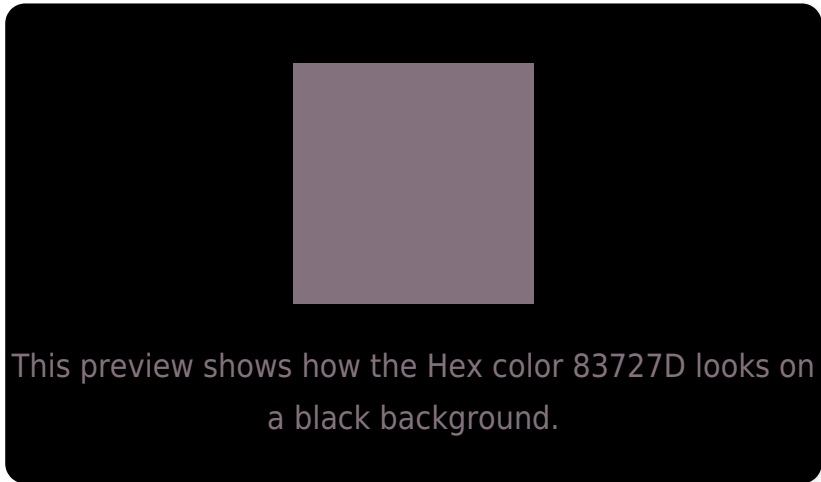
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

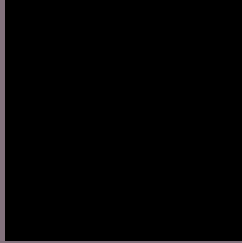
Any Text WCAG AA ✓ Pass

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 83727D Background



This preview shows how black text looks on a background with the Hex color 83727D.



This preview shows how white text looks on a background with the Hex color 83727D.

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
83727D

Protanopia
76767F

Deuteranopia
80737D



Tritanopia
83727B

Trichromacy



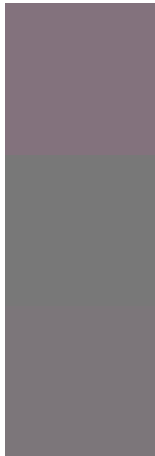
Original Color
83727D

Protanomaly
7B757E

Deuteranomaly
81737D

Tritanomaly
83727C

Monochromacy



Original Color
83727D

Achromatopsia
787878

Achromatomaly
7C767A

CSS Examples

Text

The CSS property to change the color of the text to Hex 83727D 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 #83727D looks like.

```
.text, #text, p{  
    color:#83727D  
}
```

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 #83727D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83727D
}
```

Border

The CSS property to change the border of an element to Hex 83727D is called "border". The border property can be set on classes, ids or directly on the HTML element.

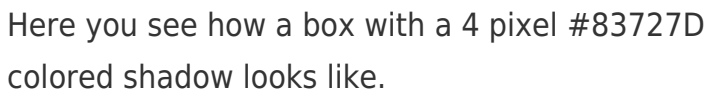
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83727D }
```

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

```
.border{ border-color:#83727D }
```

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



Here you see how a box with a 4 pixel #83727D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83727D; -webkit-box-shadow:4px 4px  
4px 4px #83727D; box-shadow:4px 4px 4px  
4px #83727D }
```

Background

The CSS property to change the background color of an element to Hex 83727D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83727D }
```

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

```
.background{ background-color:#83727D }
```

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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