

Converting Colors

Hex(83617A)

Have a look what the booklet for
Hex(83617A) contains.

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Color

Hex(83617A)

Conversions

Conversions Part 1

Format	Color
Hex	83617A
RGB	131, 97, 122
RGB Percent	51%, 38%, 48%
CMY	0.4863, 0.6196, 0.5216
CMYK	0.00, 0.26, 0.07, 0.49
HSL	316°, 15%, 45%
HSV	316°, 26%, 51%
XYZ	17.1476, 14.7798, 20.3614
YIQ	110.0160, 12.2390, 14.9830

Conversions

Conversions Part 2

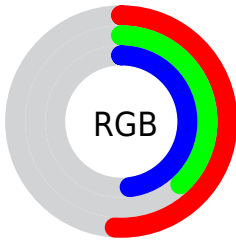
Format	Color
R_{YB}	131, 97, 122
Decimal	8610170
CIE Lab	45.33, 18.17, -8.63
CIE LCh	45, 20.112, 334.600
Yxy	14.7798, 0.3279, 0.2827
Android (android.graphics.Color)	4286800250 (0xFF83617A)
YUV	110.0160, 5.9081, 18.4030
Hunter-Lab	38.4445, 12.3394, -4.4906

Details

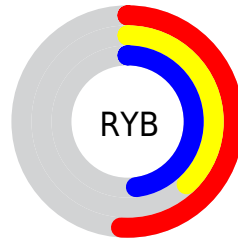
The Hex color **83617A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **61836A**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B894AE**, and **513249** is the 20% darker color. If you saturate the color by 10%, you get **835477**, and if you desaturate by 10%, it is **836E7D**.

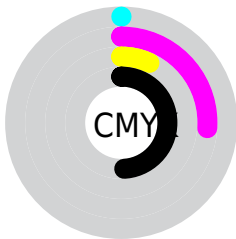
Distribution



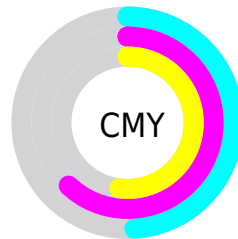
- Red (51%)
- Green (38%)
- Blue (48%)



- Red (51%)
- Yellow (38%)
- Blue (48%)



- Cyan (0%)
- Magenta (26%)
- Yellow (7%)
- Black (49%)



- Cyan (49%)
- Magenta (62%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83617A 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 83617A by changing the saturation by 10% instead.

 83617A

 83617A

FFFFFF

 6A4961

 B894AE

 513249

 D4AFCA

 3A1C33

 F1CAE6

 24061E

 FFE6FF

 000001

 000000

 83617A

 83617A

 835477

 836E7D

 834773

 837B81

833A70

838884

832D6C

839588

831F69

83A38B

831265

83B08F

830562

83BD92

830060

83CA96

83D799

Harmonies

Analogous

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



716687



83617A



8C5F69

Triad

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



83617A



756B4A



37747E

Complementary

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



83617A



61836A

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.



3E756D



83617A



62704F

Square

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



83617A



83654D



4F735C



437189

Rectangle

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



83617A



8D605E



4F735C



387479

Sweetspot

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



83617A



AB9DA7



6A6183



574E54



D6D6D6



575757

Same Dimension

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



83617A



AB769D



83616A



423C41



820060



030002

Inverse Universe

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



83617A



AB769D



61837A



423C41



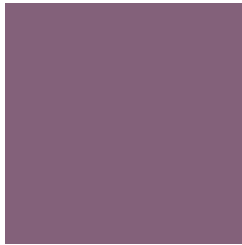
820060



030002

Previews

White Background



This preview shows how the Hex color 83617A looks on a white background.

Color Contrast Check

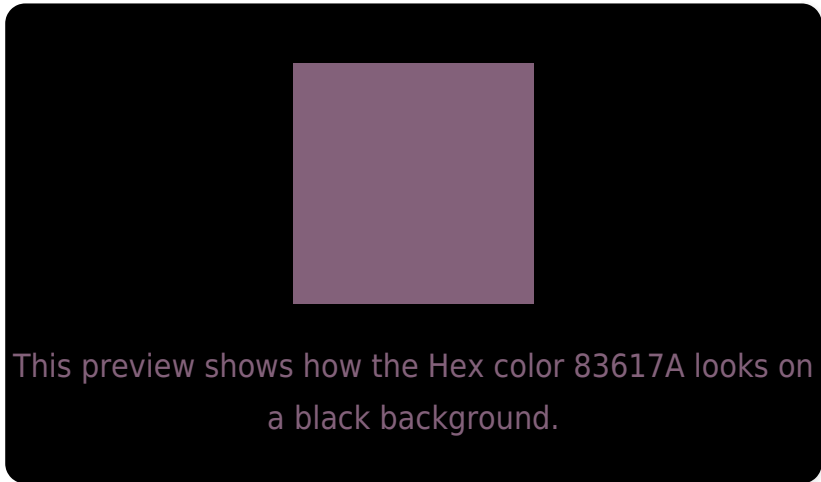
Large Text (above 18pt) WCAG AA ✓ Pass

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

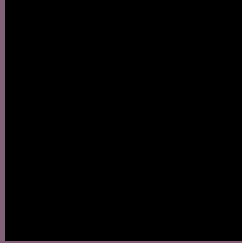
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 83617A Background



This preview shows how black text looks on a background with the Hex color 83617A.



This preview shows how white text looks on a background with the Hex color 83617A.

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
83617A

Protanopia
676B80

Deuteranopia
706979



Tritanopia
81646B

Trichromacy



Original Color
83617A

Protanomaly
71677E

Deuteranomaly
776679

Tritanomaly
826370

Monochromacy



Original Color
83617A

Achromatopsia
6E6E6E

Achromatomaly
766972

CSS Examples

Text

The CSS property to change the color of the text to Hex 83617A 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 #83617A looks like.

```
.text, #text, p{  
    color:#83617A  
}
```

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 #83617A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83617A
}
```

Border

The CSS property to change the border of an element to Hex 83617A is called "border". The border property can be set on classes, ids or directly on the HTML element.

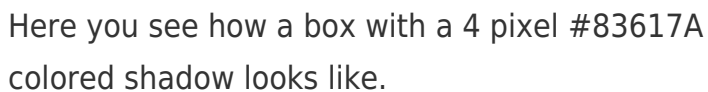
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83617A }
```

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

```
.border{ border-color:#83617A }
```

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



Here you see how a box with a 4 pixel #83617A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83617A; -webkit-box-shadow:4px 4px  
4px 4px #83617A; box-shadow:4px 4px 4px  
4px #83617A }
```

Background

The CSS property to change the background color of an element to Hex 83617A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83617A }
```

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

```
.background{ background-color:#83617A }
```

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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