

Converting Colors

Hex(87617A)

Have a look what the booklet for
Hex(87617A) contains.

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Color

Hex(87617A)

Conversions

Conversions Part 1

Format	Color
Hex	87617A
RGB	135, 97, 122
RGB Percent	53%, 38%, 48%
CMY	0.4706, 0.6196, 0.5216
CMYK	0.00, 0.28, 0.10, 0.47
HSL	321°, 16%, 45%
HSV	321°, 28%, 53%
XYZ	17.7792, 15.1054, 20.3909
YIQ	111.2120, 14.6230, 15.8310

Conversions

Conversions Part 2

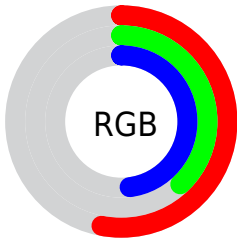
Format	Color
R_{YB}	135, 97, 122
Decimal	8872314
CIE _{Lab}	45.78, 19.67, -7.91
CIE _{LCh}	46, 21.199, 338.088
Yxy	15.1054, 0.3337, 0.2835
Android (android.graphics.Color)	4287062394 (0xFF87617A)
YUV	111.2120, 5.3185, 20.8621
Hunter-Lab	38.8657, 13.6403, -3.9006

Details

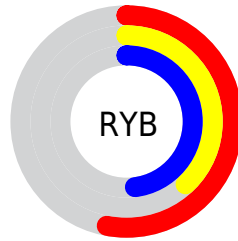
The Hex color **87617A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **61876E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **BD94AE**, and **553249** is the 20% darker color. If you saturate the color by 10%, you get **875475**, and if you desaturate by 10%, it is **876F7F**.

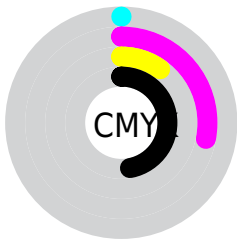
Distribution



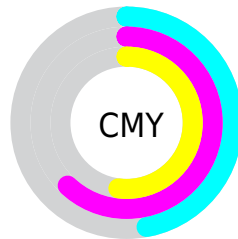
- Red (53%)
- Green (38%)
- Blue (48%)



- Red (53%)
- Yellow (38%)
- Blue (48%)



- Cyan (0%)
- Magenta (28%)
- Yellow (10%)
- Black (47%)



- Cyan (47%)
- Magenta (62%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87617A 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 87617A by changing the saturation by 10% instead.



87617A



87617A

FFFFFF



6D4961



BD94AE



553249



D9AFCA



3D1C33



F5CAE6



27061E



FFE6FF



030002



000000



87617A



87617A



875475



876F7F



874671



877C83

 87396C

 878A88

 872B68

 87978C

 871D63

 87A591

 87105E

 87B296

 87025A

 87C09A

 870059

 87CD9F

 87DBA4

Harmonies

Analogous

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



756688



87617A



8F5F68

Triad

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



87617A



746D49



347582

Complementary

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



87617A



61876E

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.



3A7671



87617A



617250

Square

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



87617A



84674C



4C755F



43728D

Rectangle

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



87617A



90605D



4C755F



34767C

Sweetspot

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



87617A



B0A2AB



6E6187



595056



D9D9D9



595959

Same Dimension

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



87617A



B0749B



876167



423C40



820056



030002

Inverse Universe

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



87617A



B0749B



618781



423C40



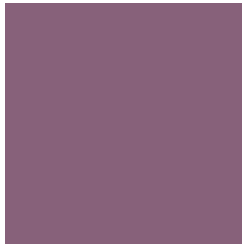
820056



030002

Previews

White Background



This preview shows how the Hex color 87617A looks on a white background.

Color Contrast Check

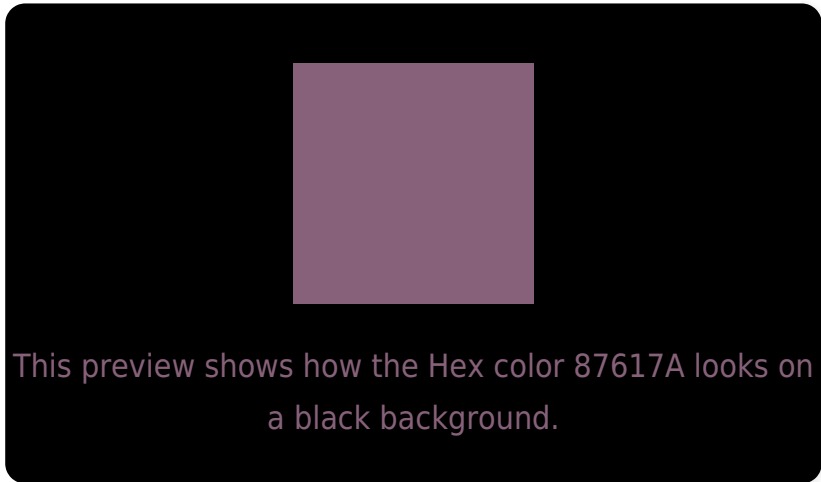
Large Text (above 18pt) WCAG AA ✓ Pass

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

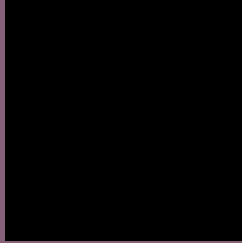
Any Text WCAG AA × Fail

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 87617A Background



This preview shows how black text looks on a background with the Hex color 87617A.



This preview shows how white text looks on a background with the Hex color 87617A.

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
87617A

Protanopia
686C81

Deuteranopia
726A78



Tritanopia
85646B

Trichromacy



Original Color
87617A

Protanomaly
73687E

Deuteranomaly
7A6779

Tritanomaly
866370

Monochromacy



Original Color
87617A

Achromatopsia
6F6F6F

Achromatomaly
786A73

CSS Examples

Text

The CSS property to change the color of the text to Hex 87617A 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 #87617A looks like.

```
.text, #text, p{  
    color:#87617A  
}
```

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 #87617A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87617A
}
```

Border

The CSS property to change the border of an element to Hex 87617A is called "border". The border property can be set on classes, ids or directly on the HTML element.

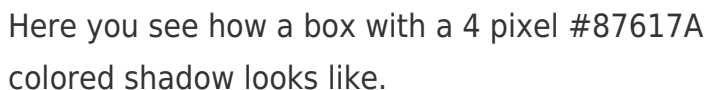
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87617A }
```

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

```
.border{ border-color:#87617A }
```

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



Here you see how a box with a 4 pixel #87617A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87617A; -webkit-box-shadow:4px 4px  
4px 4px #87617A; box-shadow:4px 4px 4px  
4px #87617A }
```

Background

The CSS property to change the background color of an element to Hex 87617A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87617A }
```

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

```
.background{ background-color:#87617A }
```

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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