

Converting Colors

Hex(844E81)

Have a look what the booklet for
Hex(844E81) contains.

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Color

Hex(844E81)

Conversions

Conversions Part 1

Format	Color
Hex	844E81
RGB	132, 78, 129
RGB Percent	52%, 31%, 51%
CMY	0.4824, 0.6941, 0.4941
CMYK	0.00, 0.41, 0.02, 0.48
HSL	303°, 26%, 41%
HSV	303°, 41%, 52%
XYZ	16.2026, 11.9393, 22.2194
YIQ	99.9600, 15.8130, 27.3090

Conversions

Conversions Part 2

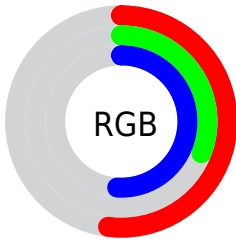
Format	Color
R_{YB}	132, 78, 129
Decimal	8670849
CIE _{Lab}	41.12, 31.03, -19.27
CIE _{LCh}	41, 36.527, 328.166
Yxy	11.9393, 0.3217, 0.2371
Android (android.graphics.Color)	4286860929 (0xFF844E81)
YUV	99.9600, 14.3167, 28.0991
Hunter-Lab	34.5533, 23.2331, -13.9390

Details

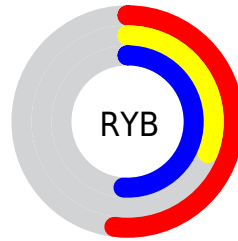
The Hex color **844E81** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4E8451**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **BA80B6**, and **511F50** is the 20% darker color. If you saturate the color by 10%, you get **844180**, and if you desaturate by 10%, it is **845B82**.

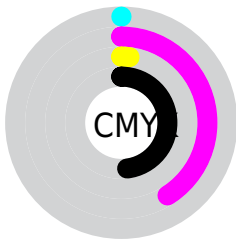
Distribution



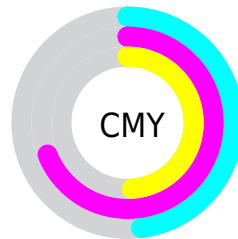
- Red (52%)
- Green (31%)
- Blue (51%)



- Red (52%)
- Yellow (31%)
- Blue (51%)



- Cyan (0%)
- Magenta (41%)
- Yellow (2%)
- Black (48%)



- Cyan (48%)
- Magenta (69%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 844E81 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 844E81 by changing the saturation by 10% instead.

844E81

844E81

FFFFFF

6A3668

BA80B6

511F50

D69BD2

390638

F3B6EE

250023

FFD2FF

00000A

FFEEFF

000000

844E81

844E81

844180

845B82

843480

846882

84267F

847683

84197E

848384

840C7D

849085

84007D

849D85

84AA86

84B887

84C588

Harmonies

Analogous

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



5F5A96



844E81



964764

Triad

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



844E81



745F22



00707C

Complementary

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



844E81



4E8451

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.



00705E



844E81



566829

Square

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



844E81



8B542E



2F6D40



006C93

Rectangle

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



844E81



994850



2F6D40



007073

Sweetspot

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



844E81



AB96AA



514E84



574B56



D6D6D6



575757

Same Dimension

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



844E81



AB57A6



844E66



423C42



82007B



030002

Inverse Universe

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



844E81



AB57A6



4E846C



423C42



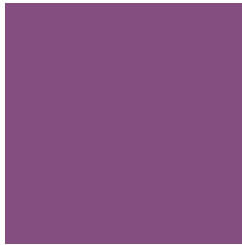
82007B



030002

Previews

White Background



This preview shows how the Hex color 844E81 looks on a white background.

Color Contrast Check

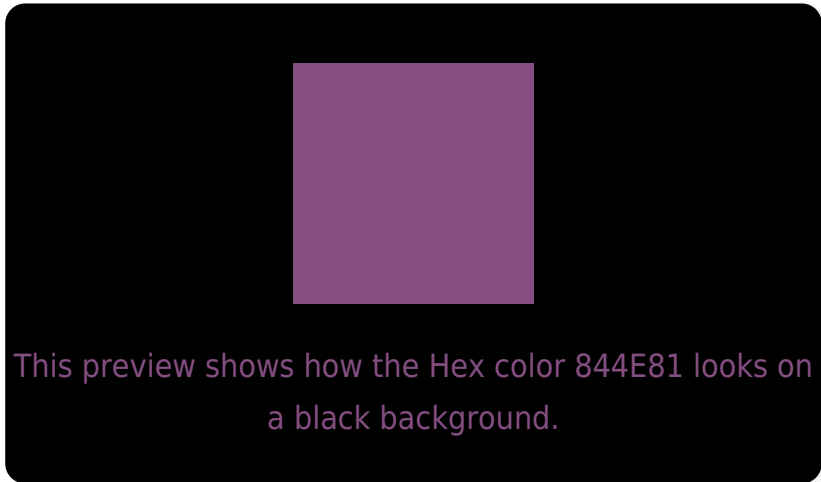
Large Text (above 18pt) WCAG AA ✓ Pass

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

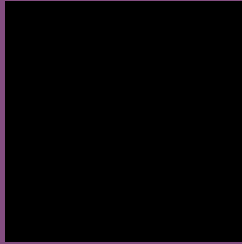
Any Text WCAG AA × Fail

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 844E81 Background



This preview shows how black text looks on a background with the Hex color 844E81.




This preview shows how white text looks on a background with the Hex color 844E81.

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





Tritanopia
7F565C

Trichromacy



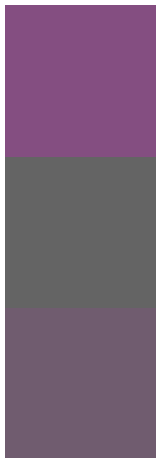
Original Color
844E81

Protanomaly
64598A

Deuteranomaly
6B597F

Tritanomaly
815369

Monochromacy



Original Color
844E81

Achromatopsia
646464

Achromatomaly
705C6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 844E81 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 #844E81 looks like.

```
.text, #text, p{  
    color:#844E81  
}
```

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 #844E81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #844E81
}
```

Border

The CSS property to change the border of an element to Hex 844E81 is called "border". The border property can be set on classes, ids or directly on the HTML element.

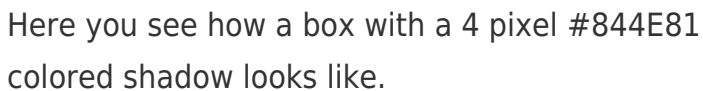
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#844E81 }
```

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

```
.border{ border-color:#844E81 }
```

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



Here you see how a box with a 4 pixel #844E81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #844E81; -webkit-box-shadow:4px 4px  
4px 4px #844E81; box-shadow:4px 4px 4px  
4px #844E81 }
```

Background

The CSS property to change the background color of an element to Hex 844E81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#844E81 }
```

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

```
.background{ background-color:#844E81 }
```

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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