

Converting Colors

Hex(84587A)

Have a look what the booklet for
Hex(84587A) contains.

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Color

Hex(84587A)

Conversions

Conversions Part 1

Format	Color
Hex	84587A
RGB	132, 88, 122
RGB Percent	52%, 35%, 48%
CMY	0.4824, 0.6549, 0.5216
CMYK	0.00, 0.33, 0.08, 0.48
HSL	314°, 20%, 43%
HSV	314°, 33%, 52%
XYZ	16.5183, 13.2901, 20.1070
YIQ	105.0320, 15.3100, 19.9020

Conversions

Conversions Part 2

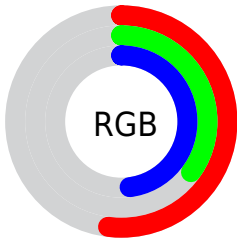
Format	Color
R_{YB}	132, 88, 122
Decimal	8673402
CIE _{Lab}	43.20, 23.87, -11.83
CIE _{LCh}	43, 26.636, 333.638
Yxy	13.2901, 0.3309, 0.2663
Android (android.graphics.Color)	4286863482 (0xFF84587A)
YUV	105.0320, 8.3652, 23.6509
Hunter-Lab	36.4556, 17.0823, -7.1823

Details

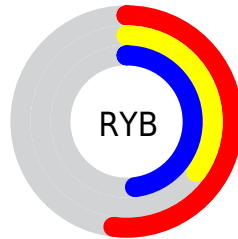
The Hex color **84587A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **588462**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **BA8BAE**, and **522949** is the 20% darker color. If you saturate the color by 10%, you get **844B77**, and if you desaturate by 10%, it is **84657D**.

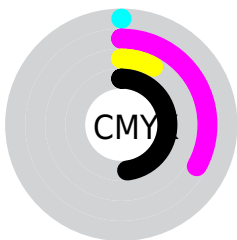
Distribution



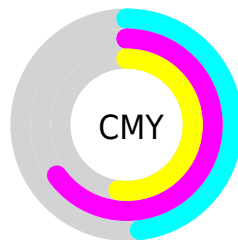
- Red (52%)
- Green (35%)
- Blue (48%)



- Red (52%)
- Yellow (35%)
- Blue (48%)



- Cyan (0%)
- Magenta (33%)
- Yellow (8%)
- Black (48%)



- Cyan (48%)
- Magenta (65%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84587A 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 84587A by changing the saturation by 10% instead.

84587A

84587A

FFFFFF

6A4061

BA8BAE

522949

D6A5CA

3A1333

F2C0E6

25001E

FFDCFF

000000

FFF9FF

84587A

84587A

844B77

84657D

843E74

847280

843071

848083

84236E

848D86

84166B

849A89

840968

84A78C

840066

84B48F

84C292

84CF95

Harmonies

Analogous

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



6C5F8B



84587A



905564

Triad

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



84587A



72663A



00717E

Complementary

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



84587A



588462

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.



207268



84587A



5B6C41

Square

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



84587A



845E3F



407052



216E8D

Rectangle

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



84587A



915655



407052



047277

Sweetspot

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



84587A



AB9AA7



625884



574C54



D6D6D6



575757

Same Dimension

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



84587A



AB679B



845864



423C41



820064



030002

Inverse Universe

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



84587A



AB679B



588478



423C41



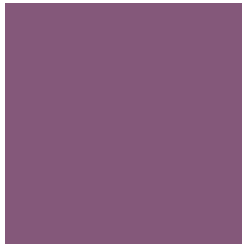
820064



030002

Previews

White Background



This preview shows how the Hex color 84587A looks on a white background.

Color Contrast Check

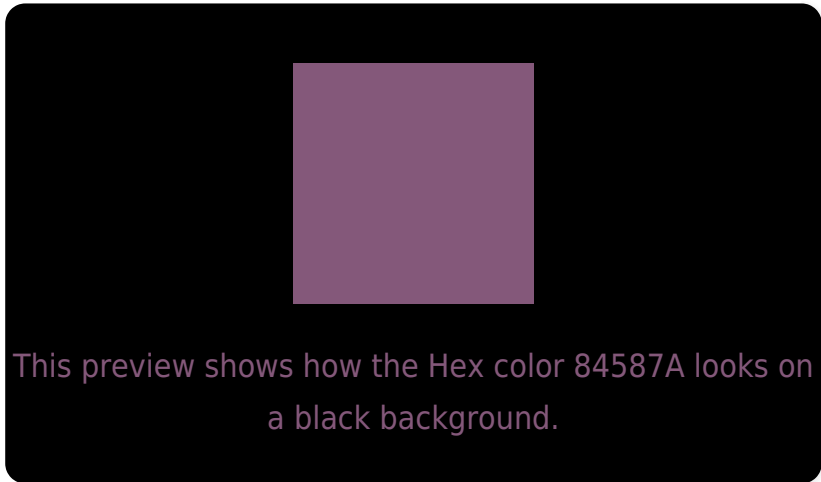
Large Text (above 18pt) WCAG AA ✓ Pass

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

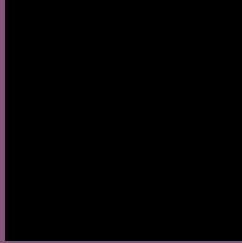
Any Text WCAG AA × Fail

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 84587A Background



This preview shows how black text looks on a background with the Hex color 84587A.




This preview shows how white text looks on a background with the Hex color 84587A.

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
815C63

Trichromacy



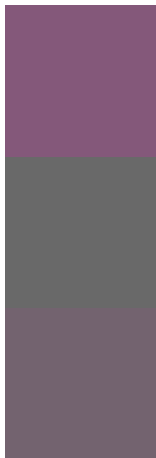
Original Color
84587A

Protanomaly
6C6080

Deuteranomaly
726079

Tritanomaly
825B6B

Monochromacy



Original Color
84587A

Achromatopsia
696969

Achromatomaly
73636F

CSS Examples

Text

The CSS property to change the color of the text to Hex 84587A 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 #84587A looks like.

```
.text, #text, p{  
    color:#84587A  
}
```

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 #84587A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84587A
}
```

Border

The CSS property to change the border of an element to Hex 84587A is called "border". The border property can be set on classes, ids or directly on the HTML element.

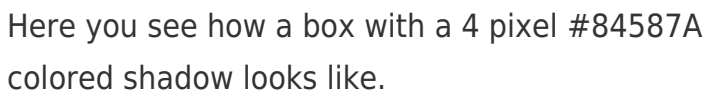
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84587A }
```

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

```
.border{ border-color:#84587A }
```

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



Here you see how a box with a 4 pixel #84587A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84587A; -webkit-box-shadow:4px 4px  
4px 4px #84587A; box-shadow:4px 4px 4px  
4px #84587A }
```

Background

The CSS property to change the background color of an element to Hex 84587A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84587A }
```

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

```
.background{ background-color:#84587A }
```

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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