

Converting Colors

Hex(834A70)

Have a look what the booklet for
Hex(834A70) contains.

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Color

Hex(834A70)

Conversions

Conversions Part 1

Format	Color
Hex	834A70
RGB	131, 74, 112
RGB Percent	51%, 29%, 44%
CMY	0.4863, 0.7098, 0.5608
CMYK	0.00, 0.44, 0.15, 0.49
HSL	320°, 28%, 40%
HSV	320°, 44%, 51%
XYZ	14.7335, 10.8927, 16.6552
YIQ	95.3750, 21.7740, 23.9020

Conversions

Conversions Part 2

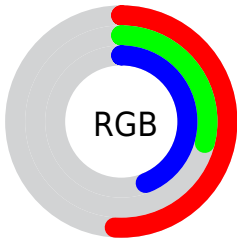
Format	Color
R_{YB}	131, 74, 112
Decimal	8604272
CIE Lab	39.40, 29.80, -11.45
CIE LCh	39, 31.924, 338.991
Yxy	10.8927, 0.3485, 0.2576
Android (android.graphics.Color)	4286794352 (0xFF834A70)
YUV	95.3750, 8.1961, 31.2431
Hunter-Lab	33.0041, 21.9277, -6.8173

Details

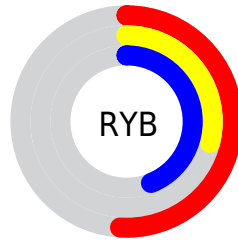
The Hex color **834A70** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A835D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **B97CA4**, and **501B40** is the 20% darker color. If you saturate the color by 10%, you get **833D6C**, and if you desaturate by 10%, it is **835774**.

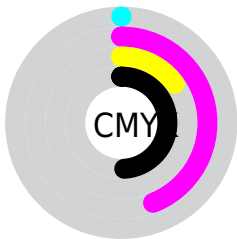
Distribution



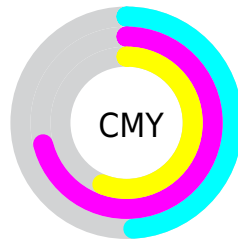
- Red (51%)
- Green (29%)
- Blue (44%)



- Red (51%)
- Yellow (29%)
- Blue (44%)



- Cyan (0%)
- Magenta (44%)
- Yellow (15%)
- Black (49%)



- Cyan (49%)
- Magenta (71%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 834A70 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 834A70 by changing the saturation by 10% instead.

 834A70

 834A70

FFFFFF

 693258

 B97CA4

 501B40

 D596BF

 38022A

 F2B1DB

 240016

 FFCDF7

 000000

 FFEAFF

 834A70

 834A70

 833D6C

 835774

 833067

 836479

832363

83717D

83165F

837E81

83095A

838B86

830057

83998A

83A68F

83B393

83C097

Harmonies

Analogous

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



695385



834A70



8E4756

Triad

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



834A70



655E28



00697D

Complementary

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



834A70



4A835D

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.



006A64



834A70



496533

Square

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



834A70



7B552C



236949



00658D

Rectangle

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



834A70



8D4945



236949



006A75

Sweetspot

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



834A70



AB95A3



5D4A83



574952



D6D6D6



575757

Same Dimension

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



834A70



AB528D



834A54



423C40



820057



030002

Inverse Universe

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



834A70



AB528D



4A8379



423C40



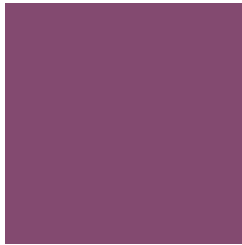
820057



030002

Previews

White Background



This preview shows how the Hex color 834A70 looks on a white background.

Color Contrast Check

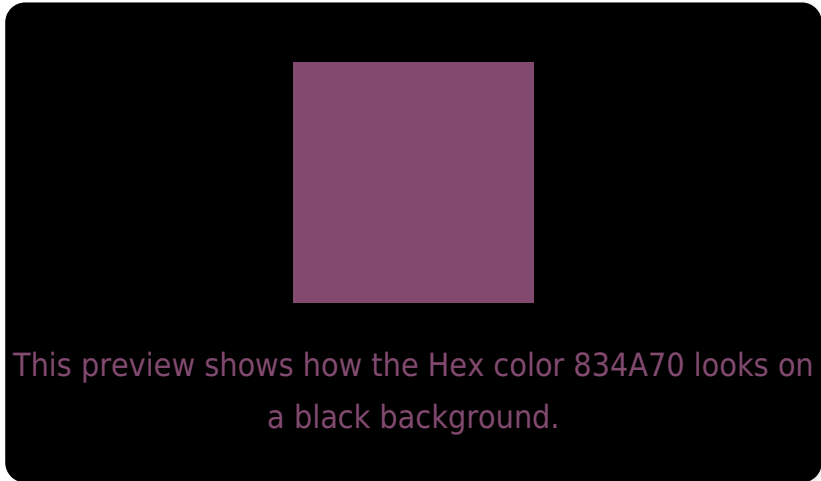
Large Text (above 18pt) WCAG AA ✓ Pass

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 834A70 Background



This preview shows how black text looks on a background with the Hex color 834A70.

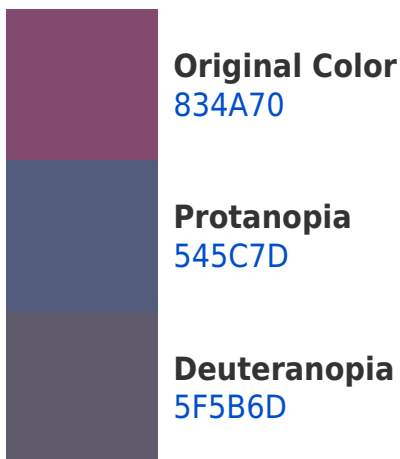


This preview shows how white text looks on a background with the Hex color 834A70.

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
804F55

Trichromacy



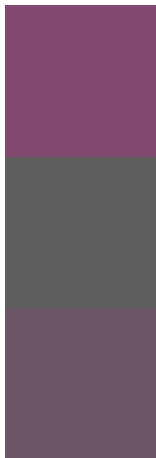
Original Color
834A70

Protanomaly
655578

Deuteranomaly
6C556E

Tritanomaly
814D5F

Monochromacy



Original Color
834A70

Achromatopsia
5F5F5F

Achromatomaly
6C5765

CSS Examples

Text

The CSS property to change the color of the text to Hex 834A70 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 #834A70 looks like.

```
.text, #text, p{  
    color:#834A70  
}
```

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 #834A70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #834A70
}
```

Border

The CSS property to change the border of an element to Hex 834A70 is called "border". The border property can be set on classes, ids or directly on the HTML element.

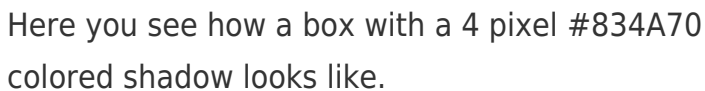
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#834A70 }
```

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

```
.border{ border-color:#834A70 }
```

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



Here you see how a box with a 4 pixel #834A70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #834A70; -webkit-box-shadow:4px 4px  
4px 4px #834A70; box-shadow:4px 4px 4px  
4px #834A70 }
```

Background

The CSS property to change the background color of an element to Hex 834A70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#834A70 }
```

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

```
.background{ background-color:#834A70 }
```

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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