

# Converting Colors

Hex(835F70)

Have a look what the booklet for  
Hex(835F70) contains.

<b>Hex(835F70)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(835F70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	835F70
RGB	131, 95, 112
RGB Percent	51%, 37%, 44%
CMY	0.4863, 0.6275, 0.5608
CMYK	0.00, 0.27, 0.15, 0.49
HSL	332°, 16%, 44%
HSV	332°, 27%, 51%
XYZ	16.3769, 14.1796, 17.2030
YIQ	107.7020, 15.9990, 12.9190

# Conversions

## Conversions Part 2

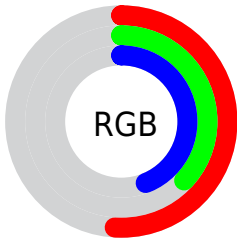
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 95, 112
Decimal	8609648
CIE <sub>Lab</sub>	44.49, 17.50, -3.83
CIE <sub>LCh</sub>	44, 17.912, 347.656
Yxy	14.1796, 0.3429, 0.2969
Android (android.graphics.Color)	4286799728 (0xFF835F70)
YUV	107.7020, 2.1189, 20.4323
Hunter-Lab	37.6558, 11.7341, -0.7276




# Details

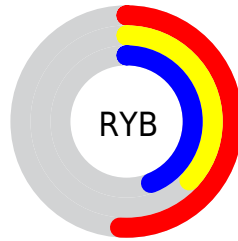
The Hex color **835F70** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5F8372**, and the grayscale version is **6C6C6C**.




A 20% lighter version of the original color is **B992A4**, and **513040** is the 20% darker color. If you saturate the color by 10%, you get **835269**, and if you desaturate by 10%, it is **836C77**.

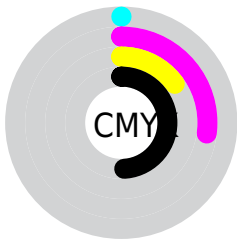
# Distribution







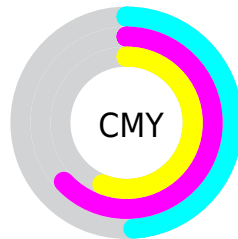
-  Red (51%)
-  Green (37%)
-  Blue (44%)






-  Red (51%)
-  Yellow (37%)
-  Blue (44%)



-  Cyan (0%)
-  Magenta (27%)
-  Yellow (15%)
-  Black (49%)



-  Cyan (49%)
-  Magenta (63%)
-  Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 835F70 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 835F70 by changing the saturation by 10% instead.



 835F70

 835F70

FFFFFF

 694758

 B992A4

 513040

 D4ACBF

 391B2A

 F1C8DB

 240316

 FFE4F7

 000000

 835F70

 835F70

 835269

 836C77

 834562

 83797E

 83385B

 838685

832B54

83938C

831E4D

83A193

831047

83AE99

830340

83BBA0

83003E

83C8A7

83D5AE

# Harmonies

## Analogous

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



76627D



835F70



885F61

# Triad

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



835F70



6B6B4D



40707F

# Complementary

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



835F70



5F8372

# 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.



3E7272



835F70



5A6F55

# Square

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



835F70



7A664C



4A7162



4F6C86

# Rectangle

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



835F70



866058



4A7162



3E717B



# Sweetspot

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



835F70



AB9DA4



725F83



574E52



D6D6D6



575757



# Same Dimension

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



835F70



AB728D



83605F



423C3F



82003D



030001



# Inverse Universe

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



835F70



AB728D



5F8283



423C3F



82003D

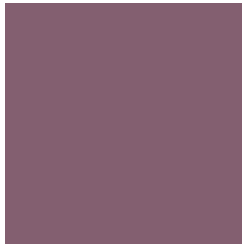


030001



# Previews

## White Background



This preview shows how the Hex color 835F70 looks on a white background.

## Color Contrast Check

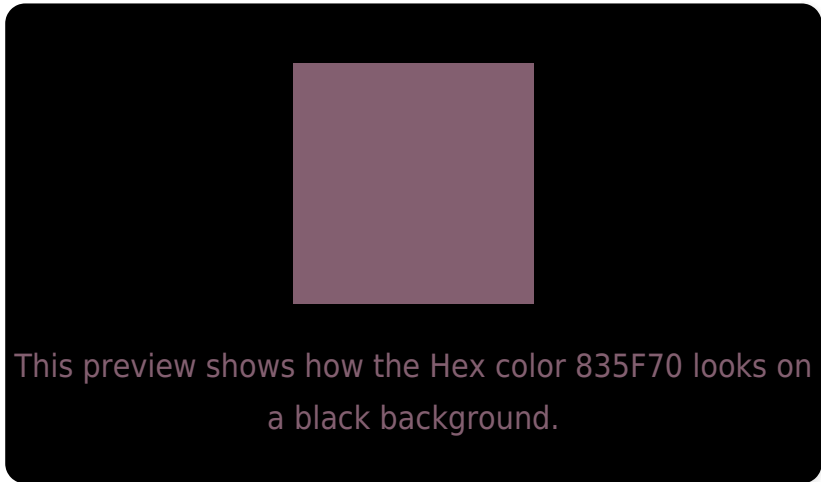
Large Text (above 18pt) WCAG AA ✓ Pass

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

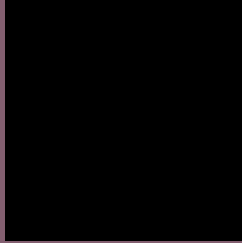
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 835F70 Background



This preview shows how black text looks on a background with the Hex color 835F70.



This preview shows how white text looks on a background with the Hex color 835F70.

# 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**  
835F70

**Protanopia**  
686976

**Deuteranopia**  
71666F



**Tritanopia**  
826068

# Trichromacy



**Original Color**  
835F70

**Protanomaly**  
726574

**Deuteranomaly**  
78636F

**Tritanomaly**  
82606B

# Monochromacy



**Original Color**  
835F70

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
74676D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 835F70 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 #835F70 looks like.

```
.text, #text, p{  
    color:#835F70  
}
```

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 #835F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #835F70
}
```

## Border

The CSS property to change the border of an element to Hex 835F70 is called "border". The border property can be set on classes, ids or directly on the HTML element.

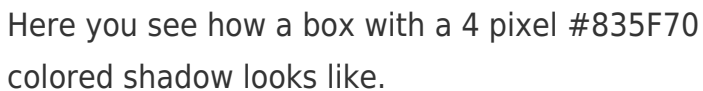
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#835F70 }
```

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

```
.border{ border-color:#835F70 }
```

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



Here you see how a box with a 4 pixel #835F70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #835F70; -webkit-box-shadow:4px 4px  
4px 4px #835F70; box-shadow:4px 4px 4px  
4px #835F70 }
```

# Background

The CSS property to change the background color of an element to Hex 835F70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#835F70 }
```

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

```
.background{ background-color:#835F70 }
```

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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