

# Converting Colors

Hex(855D75)

Have a look what the booklet for  
Hex(855D75) contains.

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**Color**

**Hex(855D75)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 855D75                     |
| RGB           | 133, 93, 117               |
| RGB Percent   | 52%, 36%, 46%              |
| CMY           | 0.4784, 0.6353, 0.5412     |
| CMYK          | 0.00, 0.30, 0.12, 0.48     |
| HSL           | 324°, 18%, 44%             |
| HSV           | 324°, 30%, 52%             |
| XYZ           | 16.7981, 14.0996, 18.6658  |
| YIQ           | 107.6960, 16.1360, 15.9440 |

# Conversions

## Conversions Part 2

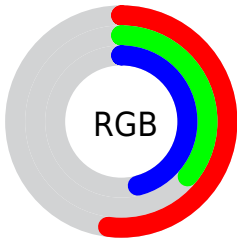
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 133, 93, 117                 |
| Decimal                             | 8740213                      |
| CIE <sub>Lab</sub>                  | 44.38, 20.35, -7.01          |
| CIE <sub>LCh</sub>                  | 44, 21.527, 341.003          |
| Yxy                                 | 14.0996, 0.3389,<br>0.2845   |
| Android<br>(android.graphics.Color) | 4286930293<br>(0xFF855D75)   |
| YUV                                 | 107.6960, 4.5869,<br>22.1916 |
| Hunter-Lab                          | 37.5494, 14.1422,<br>-3.1884 |

# Details

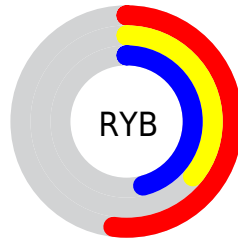
The Hex color **855D75** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5D856D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **BB90A9**, and **532E45** is the 20% darker color. If you saturate the color by 10%, you get **855070**, and if you desaturate by 10%, it is **856A7A**.

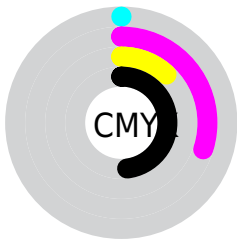
# Distribution



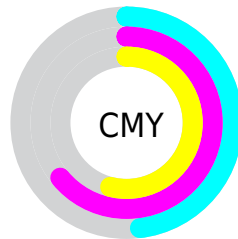
- Red (52%)
- Green (36%)
- Blue (46%)



- Red (52%)
- Yellow (36%)
- Blue (46%)



- Cyan (0%)
- Magenta (30%)
- Yellow (12%)
- Black (48%)



- Cyan (48%)
- Magenta (64%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 855D75 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 855D75 by changing the saturation by 10% instead.



 855D75

 855D75

FFFFFF

 6B455C

 BB90A9

 532E45

 D7AAC4

 3B182F

 F3C6E0

 25011A

 FFE2FD

 000000

 855D75

 855D75

 855070

 856A7A

 85426A

 857880

 853565

 858585

 852860

 85928A

 851A5A

 85A090

 850D55

 85AD95

 850050

 85BA9A

 85C7A0

 85D5A5

# Harmonies

## Analogous

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



746284



855D75



8D5C63

# Triad

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



855D75



6F6A46



307280

# Complementary

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



855D75



5D856D

# 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.



34736F



855D75



5B6F4D

# Square

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



855D75



7F6447



46725D



416E8A

# Rectangle

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



855D75



8C5D57



46725D



2E727B



# Sweetspot

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



855D75



AD9EA7



6D5D85



574D53



D6D6D6



575757



# Same Dimension

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



855D75



AD6F94



855D61



423C40



82004E



030002



# Inverse Universe

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



855D75



AD6F94



5D8581



423C40



82004E

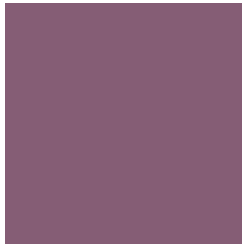


030002



# Previews

## White Background



This preview shows how the Hex color 855D75 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

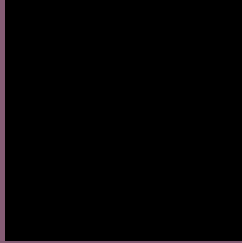
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 855D75 Background



This preview shows how black text looks on a background with the Hex color 855D75.



This preview shows how white text looks on a background with the Hex color 855D75.

# 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**  
855D75

**Protanopia**  
65687C

**Deuteranopia**  
6F6673



**Tritanopia**  
836067

# Trichromacy



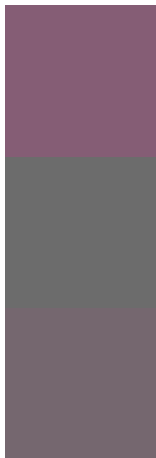
**Original Color**  
855D75

**Protanomaly**  
716479

**Deuteranomaly**  
776374

**Tritanomaly**  
845F6C

# Monochromacy



**Original Color**  
855D75

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
75676F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 855D75 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 #855D75 looks like.

```
.text, #text, p{  
    color:#855D75  
}
```

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 #855D75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #855D75
}
```

## Border

The CSS property to change the border of an element to Hex 855D75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

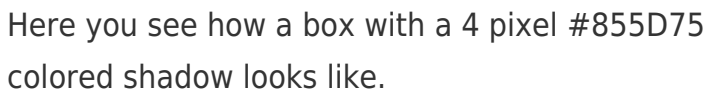
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#855D75 }
```

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

```
.border{ border-color:#855D75 }
```

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



Here you see how a box with a 4 pixel #855D75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #855D75; -webkit-box-shadow:4px 4px  
4px 4px #855D75; box-shadow:4px 4px 4px  
4px #855D75 }
```

# Background

The CSS property to change the background color of an element to Hex 855D75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#855D75 }
```

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

```
.background{ background-color:#855D75 }
```

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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