

# Converting Colors

Hex(87555B)

Have a look what the booklet for  
Hex(87555B) contains.

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**Color**

**Hex(87555B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	87555B
RGB	135, 85, 91
RGB Percent	53%, 33%, 36%
CMY	0.4706, 0.6667, 0.6431
CMYK	0.00, 0.37, 0.33, 0.47
HSL	353°, 23%, 43%
HSV	353°, 37%, 53%
XYZ	15.1285, 12.4032, 11.4942
YIQ	100.6340, 27.8740, 12.4660

# Conversions

## Conversions Part 2

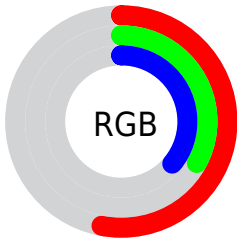
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 85, 91
Decimal	8869211
CIE Lab	41.85, 21.62, 5.22
CIE LCh	42, 22.239, 13.571
Yxy	12.4032, 0.3877, 0.3178
Android (android.graphics.Color)	4287059291 (0xFF87555B)
YUV	100.6340, -4.7496, 30.1390
Hunter-Lab	35.2182, 15.0454, 5.3022

# Details

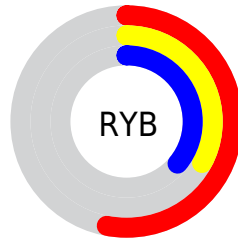
The Hex color **87555B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **558781**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **BE878D**, and **53272D** is the 20% darker color. If you saturate the color by 10%, you get **87484F**, and if you desaturate by 10%, it is **876367**.

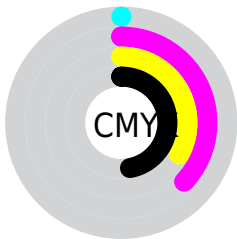
# Distribution



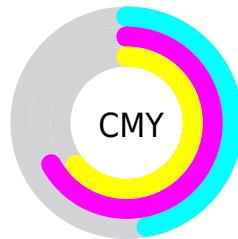
- Red (53%)
- Green (33%)
- Blue (36%)



- Red (53%)
- Yellow (33%)
- Blue (36%)



- Cyan (0%)
- Magenta (37%)
- Yellow (33%)
- Black (47%)



- Cyan (47%)
- Magenta (67%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 87555B 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 87555B by changing the saturation by 10% instead.





87555B



87555B

FFFFFF



6D3D44



BE878D



53272D



DAA2A7



3B1119



F7BDC3



270000



FFD9DE



000000



FFF5FB



87555B



87555B



87484F



876367



873A43



877073

 872D37

 877E7F

 871F2B

 878B8B

 871220

 879996

 870414

 87A6A2

 870010

 87B3AE

 87C1BA

 87CFC6

# Harmonies

## Analogous

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



80566E



87555B



84584A

# Triad

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



87555B



536948



3A6785

# Complementary

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



87555B



558781

# 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.



256B7B



87555B



3D6C58

# Square

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



87555B



67643F



296D6B



576286

# Rectangle

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



87555B



7D5C42



296D6B



326983



# Sweetspot

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



87555B



B09D9F



805587



594E4F



D9D9D9



595959



# Same Dimension

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



87555B



B0636C



876755



423C3C



820010



030000



# Inverse Universe

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



87555B



B0636C



557587



423C3C



820010

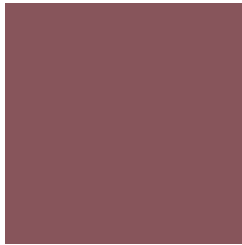


030000



# Previews

## White Background



This preview shows how the Hex color 87555B looks on a white background.

## Color Contrast Check

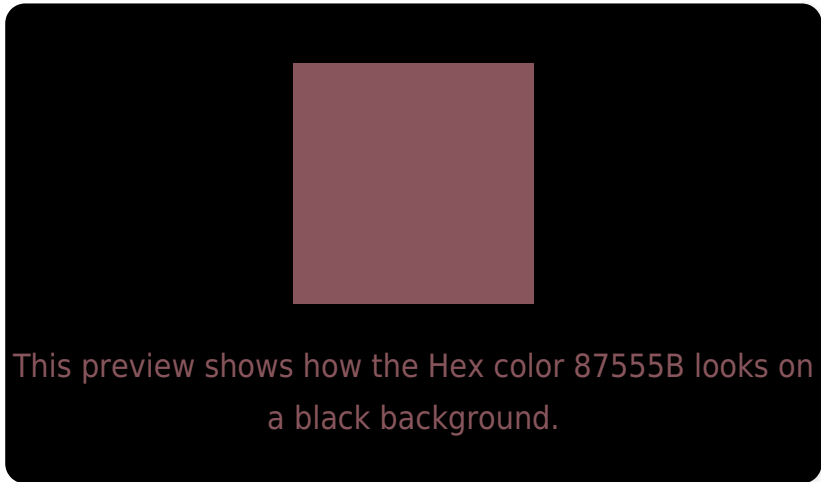
Large Text (above 18pt) WCAG AA ✓ Pass

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

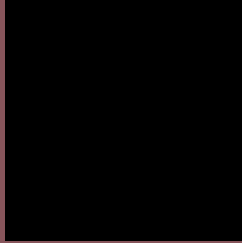
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 87555B Background



This preview shows how black text looks on a background with the Hex color 87555B.

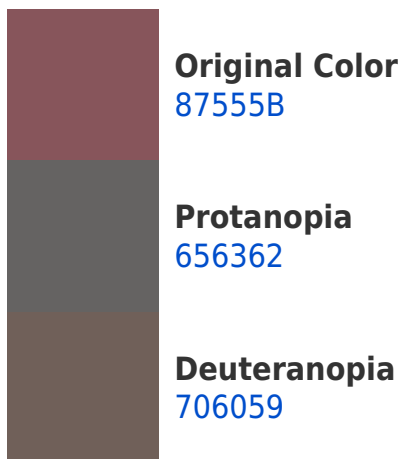


This preview shows how white text looks on a background with the Hex color 87555B.

# 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**  
87555B

# Trichromacy



**Original Color**  
87555B

**Protanomaly**  
715E5F

**Deuteranomaly**  
785C5A

**Tritanomaly**  
87555B

# Monochromacy



**Original Color**  
87555B

**Achromatopsia**  
656565

**Achromatomaly**  
715F61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 87555B 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 #87555B looks like.

```
.text, #text, p{  
    color:#87555B  
}
```

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 #87555B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87555B  
}
```

## Border

The CSS property to change the border of an element to Hex 87555B is called "border". The border property can be set on classes, ids or directly on the HTML element.

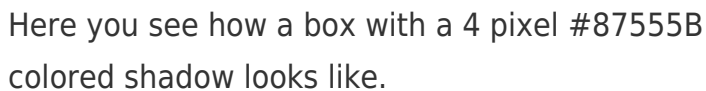
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#87555B }
```

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

```
.border{ border-color:#87555B }
```

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



Here you see how a box with a 4 pixel #87555B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87555B; -webkit-box-shadow:4px 4px  
4px 4px #87555B; box-shadow:4px 4px 4px  
4px #87555B }
```

# Background

The CSS property to change the background color of an element to Hex 87555B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87555B }
```

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

```
.background{ background-color:#87555B }
```

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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