

# Converting Colors

Hex(87463B)

Have a look what the booklet for  
Hex(87463B) contains.

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**Color**

**Hex(87463B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	87463B
RGB	135, 70, 59
RGB Percent	53%, 27%, 23%
CMY	0.4706, 0.7255, 0.7686
CMYK	0.00, 0.48, 0.56, 0.47
HSL	9°, 39%, 38%
HSV	9°, 56%, 53%
XYZ	12.9712, 9.8470, 5.3547
YIQ	88.1810, 42.2710, 10.3590

# Conversions

## Conversions Part 2

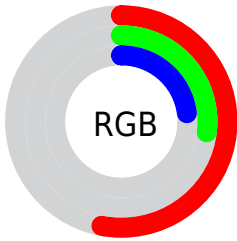
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 72, 59
Decimal	8865339
CIE Lab	37.57, 26.54, 19.08
CIE LCh	38, 32.684, 35.719
Yxy	9.8470, 0.4604, 0.3495
Android (android.graphics.Color)	4287055419 (0xFF87463B)
YUV	88.1810, -14.3862, 41.0603
Hunter-Lab	31.3799, 18.8702, 11.8487




# Details

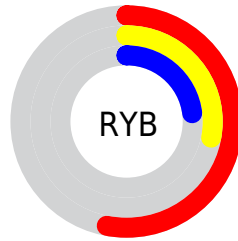
The Hex color **87463B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B7C87**, and the grayscale version is **585858**.




A 20% lighter version of the original color is **BF786A**, and **511711** is the 20% darker color. If you saturate the color by 10%, you get **873A2D**, and if you desaturate by 10%, it is **875249**.

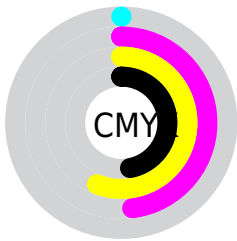
# Distribution







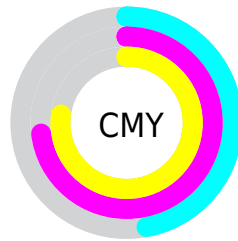
-  Red (53%)
-  Green (27%)
-  Blue (23%)






-  Red (53%)
-  Yellow (28%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (48%)
-  Yellow (56%)
-  Black (47%)



-  Cyan (47%)
-  Magenta (73%)
-  Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 87463B 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 87463B by changing the saturation by 10% instead.



 87463B

 87463B

FFFFFF

 6C2E25

 BF786A

 511711

 DC9284

 380100

 FAAD9E

 1E0001

 FFC8B9

 000000

 FFE4D4

 FFFFF1

 87463B

 87463B

 873A2D

 875249

■ 872F20

■ 875D56

■ 872312

■ 876964

■ 871805

■ 877471

■ 871400

■ 87807F

■ 878B8C

■ 87979A

■ 87A2A7

■ 87AEB5

# Harmonies

## Analogous

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



894254



87463B



794F28

# Triad

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



87463B



226442



335A8D

# Complementary

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



87463B



3B7C87

# 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.



006188



87463B



00665D

# Square

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



87463B



47602C



006576



614F83

# Rectangle

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



87463B



6B5622



006576



1A5C8D



# Sweetspot

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



87463B



B09692



873B7D



594A47



D9D9D9



595959



# Same Dimension

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



87463B



B04A38



876B3B



423D3C



821300



030000



# Inverse Universe

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



3B7C87



389FB0



3B5787



3C4142



006F82



000203



# Previews

## White Background



This preview shows how the Hex color 87463B 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

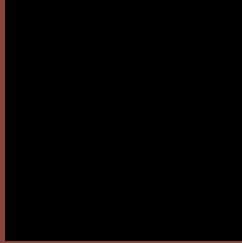
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 87463B Background



This preview shows how black text looks on a background with the Hex color 87463B.

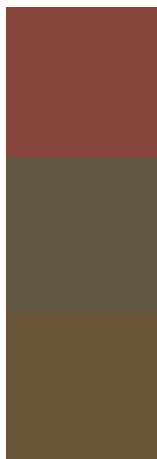


This preview shows how white text looks on a background with the Hex color 87463B.

# 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**  
87463B

**Protanopia**  
5F5943

**Deuteranopia**  
6B5538



**Tritanopia**  
884449

# Trichromacy



**Original Color**  
87463B

**Protanomaly**  
6E5240

**Deuteranomaly**  
755039

**Tritanomaly**  
884544

# Monochromacy



**Original Color**  
87463B

**Achromatopsia**  
585858

**Achromatomaly**  
69514D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 87463B 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 #87463B looks like.

```
.text, #text, p{  
    color:#87463B  
}
```

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 #87463B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87463B
}
```

## Border

The CSS property to change the border of an element to Hex 87463B is called "border". The border property can be set on classes, ids or directly on the HTML element.

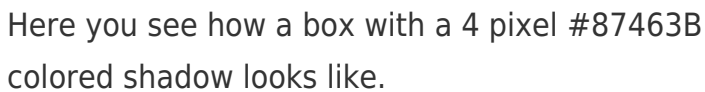
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87463B }
```

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

```
.border{ border-color:#87463B }
```

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



Here you see how a box with a 4 pixel #87463B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87463B; -webkit-box-shadow:4px 4px  
4px 4px #87463B; box-shadow:4px 4px 4px  
4px #87463B }
```

# Background

The CSS property to change the background color of an element to Hex 87463B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87463B }
```

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

```
.background{ background-color:#87463B }
```

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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