

Converting Colors

Hex(87515B)

Have a look what the booklet for
Hex(87515B) contains.

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Color

Hex(87515B)

Conversions

Conversions Part 1

Format	Color
Hex	87515B
RGB	135, 81, 91
RGB Percent	53%, 32%, 36%
CMY	0.4706, 0.6824, 0.6431
CMYK	0.00, 0.40, 0.33, 0.47
HSL	349°, 25%, 42%
HSV	349°, 40%, 53%
XYZ	14.8224, 11.7911, 11.3922
YIQ	98.2860, 28.9740, 14.5580

Conversions

Conversions Part 2

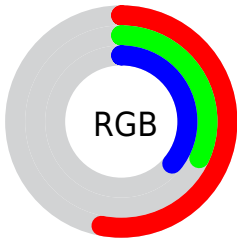
Format	Color
R_{YB}	135, 81, 91
Decimal	8868187
CIE Lab	40.88, 23.95, 3.83
CIE LCh	41, 24.254, 9.087
Yxy	11.7911, 0.3900, 0.3102
Android (android.graphics.Color)	4287058267 (0xFF87515B)
YUV	98.2860, -3.5920, 32.1982
Hunter-Lab	34.3382, 16.9597, 4.3663

Details

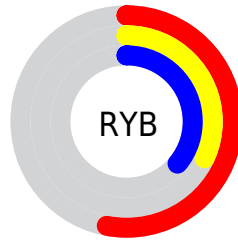
The Hex color **87515B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **51877D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **BE838D**, and **53232D** is the 20% darker color. If you saturate the color by 10%, you get **874450**, and if you desaturate by 10%, it is **875E66**.

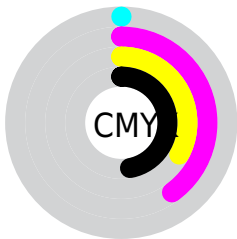
Distribution



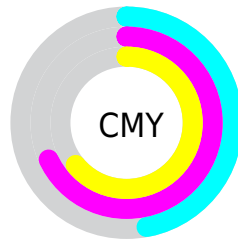
- Red (53%)
- Green (32%)
- Blue (36%)



- Red (53%)
- Yellow (32%)
- Blue (36%)



- Cyan (0%)
- Magenta (40%)
- Yellow (33%)
- Black (47%)



- Cyan (47%)
- Magenta (68%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87515B 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 87515B by changing the saturation by 10% instead.

87515B

87515B

FFFFFF

6D3944

BE838D

53232D

DA9EA7

3A0C19

F7B9C3

270001

FFD4DE

000000

FFF1FB

87515B

87515B

874450

875E66

873645

876C71

 87293A

 877A7C

 871B2F

 878787

 870D24

 879592

 870019

 87A29D

 87B0A8

 87BDB3

 87CBBE

Harmonies

Analogous

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



7E536F



87515B



855448

Triad

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



87515B



526741



2C6685

Complementary

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



87515B



51877D

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.



116A79



87515B



3A6A52

Square

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



87515B



686139



1F6B66



4E6087

Rectangle

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



87515B



7E583F



1F6B66



216882

Sweetspot

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



87515B



B09B9F



7C5187



594D4F



D9D9D9



595959

Same Dimension

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



87515B



B05B6B



876151



423C3D



820018



030000

Inverse Universe

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



87515B



B05B6B



517787



423C3D



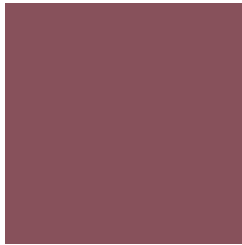
820018



030000

Previews

White Background



This preview shows how the Hex color 87515B looks on a white background.

Color Contrast Check

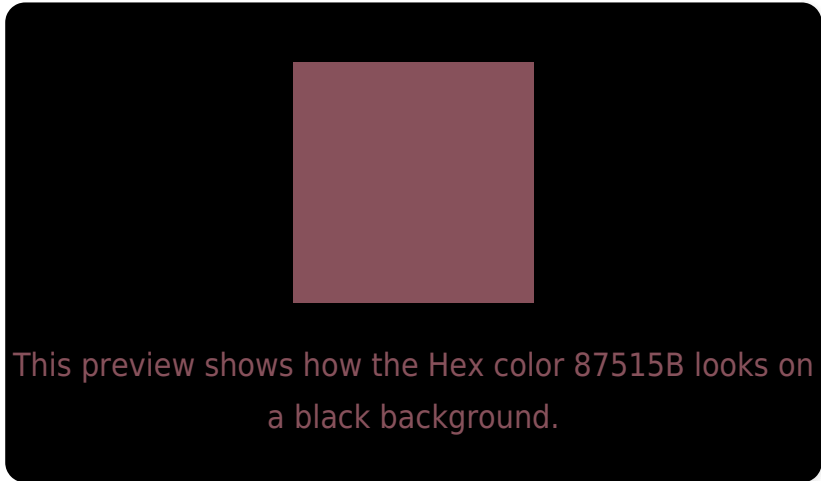
Large Text (above 18pt) WCAG AA ✓ Pass

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

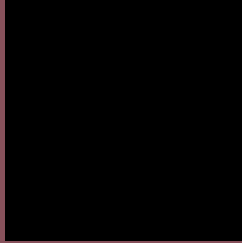
Any Text WCAG AA × Fail

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 87515B Background



This preview shows how black text looks on a background with the Hex color 87515B.



This preview shows how white text looks on a background with the Hex color 87515B.

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
87515B

Protanopia
626064

Deuteranopia
6D5D59



Tritanopia
875258

Trichromacy



Original Color
87515B

Protanomaly
6F5B61

Deuteranomaly
76595A

Tritanomaly
875259

Monochromacy



Original Color
87515B

Achromatopsia
626262

Achromatomaly
6F5C5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 87515B 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 #87515B looks like.

```
.text, #text, p{  
    color:#87515B  
}
```

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 #87515B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87515B
}
```

Border

The CSS property to change the border of an element to Hex 87515B is called "border". The border property can be set on classes, ids or directly on the HTML element.

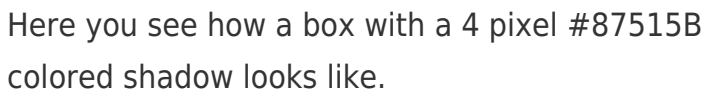
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87515B }
```

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

```
.border{ border-color:#87515B }
```

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



Here you see how a box with a 4 pixel #87515B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87515B; -webkit-box-shadow:4px 4px  
4px 4px #87515B; box-shadow:4px 4px 4px  
4px #87515B }
```

Background

The CSS property to change the background color of an element to Hex 87515B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87515B }
```

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

```
.background{ background-color:#87515B }
```

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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