

# Converting Colors

Hex(80615B)

Have a look what the booklet for  
Hex(80615B) contains.

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**Color**

**Hex(80615B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80615B
RGB	128, 97, 91
RGB Percent	50%, 38%, 36%
CMY	0.4980, 0.6196, 0.6431
CMYK	0.00, 0.24, 0.29, 0.50
HSL	10°, 17%, 43%
HSV	10°, 29%, 50%
XYZ	15.0651, 13.8939, 11.7853
YIQ	105.5850, 20.4020, 4.7060

# Conversions

## Conversions Part 2

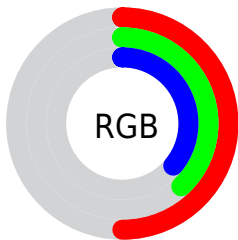
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 98, 91
Decimal	8413531
CIE Lab	44.08, 11.62, 8.27
CIE LCh	44, 14.268, 35.438
Yxy	13.8939, 0.3697, 0.3410
Android (android.graphics.Color)	4286603611 (0xFF80615B)
YUV	105.5850, -7.1904, 19.6580
Hunter-Lab	37.2745, 6.9132, 7.3461

# Details

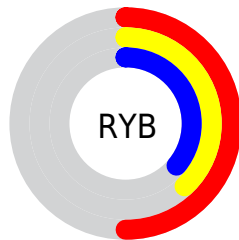
The Hex color **80615B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5B7A80**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B6948D**, and **4E322D** is the 20% darker color. If you saturate the color by 10%, you get **80564E**, and if you desaturate by 10%, it is **806C68**.

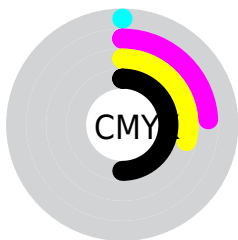
# Distribution



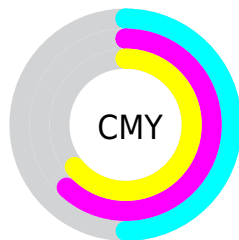
- Red (50%)
- Green (38%)
- Blue (36%)



- Red (50%)
- Yellow (38%)
- Blue (36%)



- Cyan (0%)
- Magenta (24%)
- Yellow (29%)
- Black (50%)



- Cyan (50%)
- Magenta (62%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80615B 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 80615B by changing the saturation by 10% instead.





80615B



80615B

FFFFFF



664944



B6948D



4E322D



D1AEA7



361D19



EECAC3



220500



FFE6DF



000000



FFFFFFB



80615B



80615B



80564E



806C68



804C41



807675


 804135

 808181

 803628

 808C8E

 802B1B

 80979B

 80210E

 80A1A8

 801601

 80ACB5

 801500

 80B7C1

 80C2CE

# Harmonies

## Analogous

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



806066



80615B



7A6453

# Triad

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



80615B



556E5E



5D6980

# Complementary

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



80615B



5B7A80

# 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.



4F6C7D



80615B



4A6F6A

# Square

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



80615B



626C55



486E75



6D647B

# Rectangle

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



80615B



736751



486E75



586A80



# Sweetspot

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



80615B



A69997



805B7A



544C4B



D4D4D4



545454



# Same Dimension

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



80615B



A6756C



80735B



403A39



801500



000000



# Inverse Universe

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



5B7A80



6C9CA6



5B6880



393F40



006B80



000000



# Previews

## White Background



This preview shows how the Hex color 80615B looks on a white background.

## Color Contrast Check

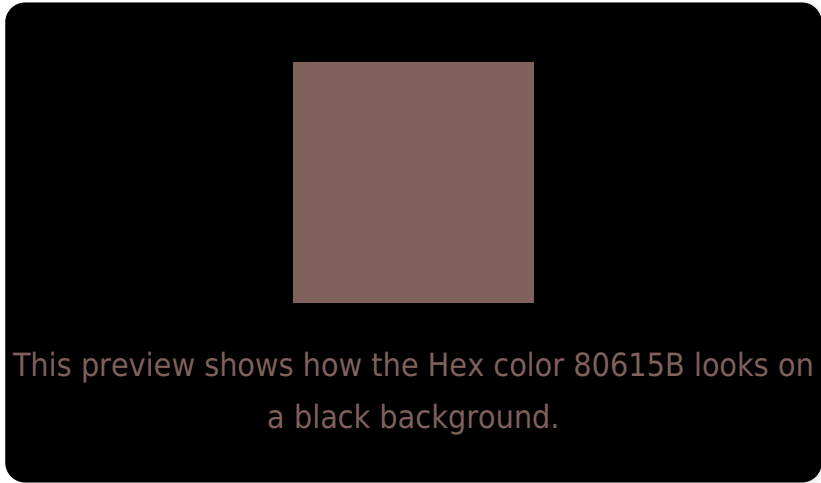
Large Text (above 18pt) WCAG AA ✓ Pass

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 80615B Background



This preview shows how black text looks on a background with the Hex color 80615B.



This preview shows how white text looks on a background with the Hex color 80615B.

# 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**  
80615B

**Protanopia**  
6D685F

**Deuteranopia**  
78655A



**Tritanopia**  
815F67

# Trichromacy



**Original Color**  
80615B

**Protanomaly**  
74655E

**Deuteranomaly**  
7B645A

**Tritanomaly**  
816063

# Monochromacy



**Original Color**  
80615B

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
726765

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80615B 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 #80615B looks like.

```
.text, #text, p{  
    color:#80615B  
}
```

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 #80615B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80615B
}
```

## Border

The CSS property to change the border of an element to Hex 80615B is called "border". The border property can be set on classes, ids or directly on the HTML element.

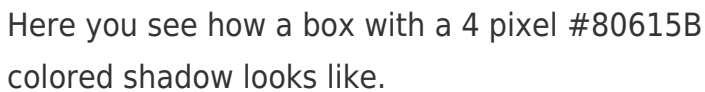
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80615B }
```

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

```
.border{ border-color:#80615B }
```

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



Here you see how a box with a 4 pixel #80615B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80615B; -webkit-box-shadow:4px 4px  
4px 4px #80615B; box-shadow:4px 4px 4px  
4px #80615B }
```

# Background

The CSS property to change the background color of an element to Hex 80615B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80615B }
```

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

```
.background{ background-color:#80615B }
```

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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