

Converting Colors

Hex(81563B)

Have a look what the booklet for
Hex(81563B) contains.

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Color

Hex(81563B)

Conversions

Conversions Part 1

Format	Color
Hex	81563B
RGB	129, 86, 59
RGB Percent	51%, 34%, 23%
CMY	0.4941, 0.6627, 0.7686
CMYK	0.00, 0.33, 0.54, 0.49
HSL	23°, 37%, 37%
HSV	23°, 54%, 51%
XYZ	13.1705, 11.6385, 5.6900
YIQ	95.7790, 34.2950, 0.7190

Conversions

Conversions Part 2

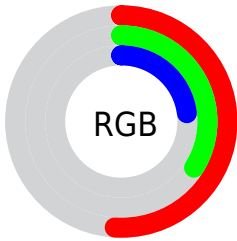
Format	Color
R_{YB}	129, 103, 59
Decimal	8476219
CIE _{Lab}	40.64, 14.62, 22.87
CIE _{LCh}	41, 27.146, 57.421
Yxy	11.6385, 0.4318, 0.3816
Android (android.graphics.Color)	4286666299 (0xFF81563B)
YUV	95.7790, -18.1320, 29.1348
Hunter-Lab	34.1152, 9.2098, 13.9919

Details

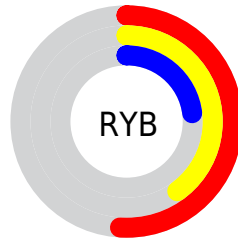
The Hex color **81563B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3B6681**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **B8886B**, and **4D2810** is the 20% darker color. If you saturate the color by 10%, you get **814E2E**, and if you desaturate by 10%, it is **815E48**.

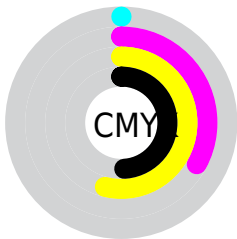
Distribution



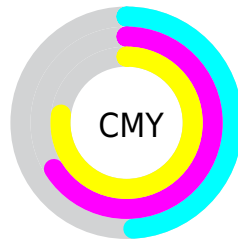
- Red (51%)
- Green (34%)
- Blue (23%)



- Red (51%)
- Yellow (40%)
- Blue (23%)



- Cyan (0%)
- Magenta (33%)
- Yellow (54%)
- Black (49%)



- Cyan (49%)
- Magenta (66%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81563B 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 81563B by changing the saturation by 10% instead.



81563B



81563B

FFFFFF



673F25



B8886B



4D2810



D5A284



341300



F2BD9E



1E0000



FFD9B9



000000



FFF6D5



FFFFF1



81563B



81563B



814E2E



815E48

■ 814621

■ 816655

■ 813E14

■ 816E62

■ 813607

■ 81766F

■ 813200

■ 817E7C

■ 818688

■ 818D95

■ 8195A2

■ 819DAF

Harmonies

Analogous

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



8A504C



81563B



705E33

Triad

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



81563B



1D6B5D



5F5B87

Complementary

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



81563B



3B6681

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.



3A638C



81563B



006B73

Square

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



81563B



3F6947



016885



7A5378

Rectangle

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



81563B



616334



016885



545E8A

Sweetspot

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



81563B



A8988D



813B66



544A44



D4D4D4



545454

Same Dimension

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



81563B



A8653B



81793B



403C39



803100



000000

Inverse Universe

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



3B6681



3B7EA8



3B4381



393D40



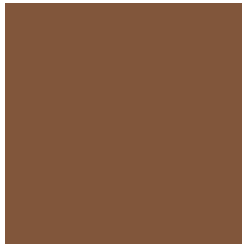
004E80



000000

Previews

White Background



This preview shows how the Hex color 81563B looks on a white background.

Color Contrast Check

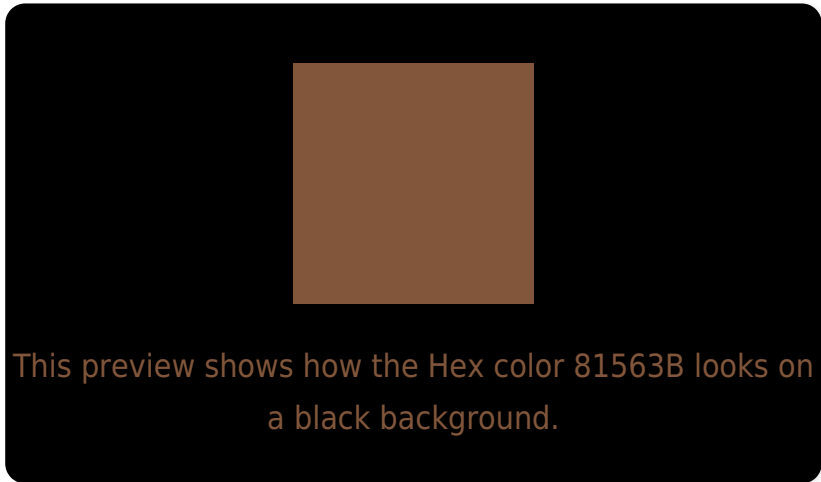
Large Text (above 18pt) WCAG AA ✓ Pass

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

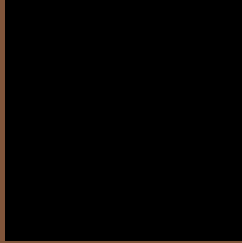
Any Text WCAG AA × Fail

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 81563B Background



This preview shows how black text looks on a background with the Hex color 81563B.



This preview shows how white text looks on a background with the Hex color 81563B.

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
81563B

Protanopia
68603F

Deuteranopia
755C3A



Tritanopia
835258

Trichromacy



Original Color
81563B

Protanomaly
715C3E

Deuteranomaly
795A3A

Tritanomaly
82534D

Monochromacy



Original Color
81563B

Achromatopsia
606060

Achromatomaly
6C5C53

CSS Examples

Text

The CSS property to change the color of the text to Hex 81563B 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 #81563B looks like.

```
.text, #text, p{  
    color:#81563B  
}
```

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 #81563B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81563B
}
```

Border

The CSS property to change the border of an element to Hex 81563B is called "border". The border property can be set on classes, ids or directly on the HTML element.

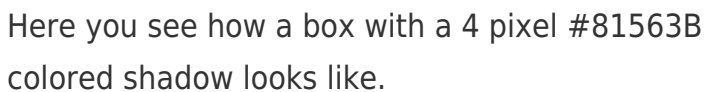
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81563B }
```

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

```
.border{ border-color:#81563B }
```

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



Here you see how a box with a 4 pixel #81563B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81563B; -webkit-box-shadow:4px 4px  
4px 4px #81563B; box-shadow:4px 4px 4px  
4px #81563B }
```

Background

The CSS property to change the background color of an element to Hex 81563B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81563B }
```

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

```
.background{ background-color:#81563B }
```

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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