

# Converting Colors

Hex(81565C)

Have a look what the booklet for  
Hex(81565C) contains.

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**Color**

**Hex(81565C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	81565C
RGB	129, 86, 92
RGB Percent	51%, 34%, 36%
CMY	0.4941, 0.6627, 0.6392
CMYK	0.00, 0.33, 0.29, 0.49
HSL	352°, 20%, 42%
HSV	352°, 33%, 51%
XYZ	14.3128, 12.0954, 11.7055
YIQ	99.5410, 23.7020, 10.9820

# Conversions

## Conversions Part 2

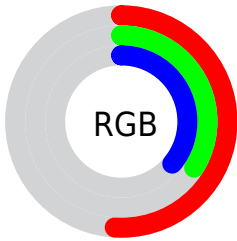
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	129, 86, 92
Decimal	8476252
CIE Lab	41.37, 18.74, 3.81
CIE LCh	41, 19.121, 11.496
Yxy	12.0954, 0.3755, 0.3174
Android (android.graphics.Color)	4286666332 (0xFF81565C)
YUV	99.5410, -3.7177, 25.8355
Hunter-Lab	34.7785, 12.5981, 4.3895

# Details

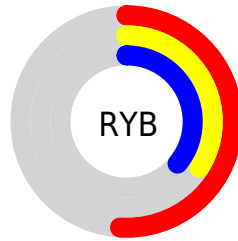
The Hex color **81565C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **56817B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **B7888E**, and **4E282E** is the 20% darker color. If you saturate the color by 10%, you get **814951**, and if you desaturate by 10%, it is **816367**.

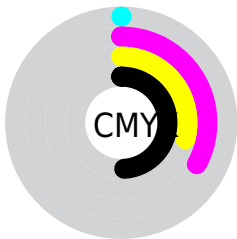
# Distribution



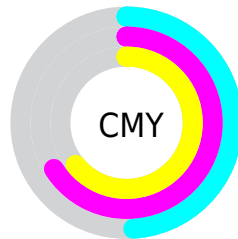
- Red (51%)
- Green (34%)
- Blue (36%)



- Red (51%)
- Yellow (34%)
- Blue (36%)



- Cyan (0%)
- Magenta (33%)
- Yellow (29%)
- Black (49%)




- Cyan (49%)
- Magenta (66%)
- Yellow (64%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 81565C 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 81565C by changing the saturation by 10% instead.



 81565C

 81565C

FFFFFF

 673E45

 B7888E

 4E282E

 D3A3A9

 36121A


 F0BEC4


 230000

 FFDAE0

 000000


 FFF6FC

 81565C

 81565C

 814951

 816367

 813C46

 817072

812F3B

817D7D

812230

818A88

811624

819794

810919

81A39F

810012

81B0AA

81BDB5

81CAC0

# Harmonies

## Analogous

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



7A576C



81565C



7F584D

# Triad

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



81565C



55674A



40667F

# Complementary

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



81565C



56817B

# 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.



316976



81565C



436A57

# Square

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



81565C



676343



346A67



566180

# Rectangle

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



81565C



795C46



346A67



3A677D



# Sweetspot

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



81565C



A8979A



7B5681



544A4B



D4D4D4



545454



# Same Dimension

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



81565C



A8656E



816556



40393A



800012



000000



# Inverse Universe

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



81565C



A8656E



567281



40393A



800012

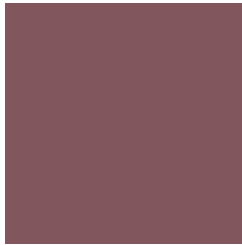


000000



# Previews

## White Background



This preview shows how the Hex color 81565C looks on a white background.

## Color Contrast Check

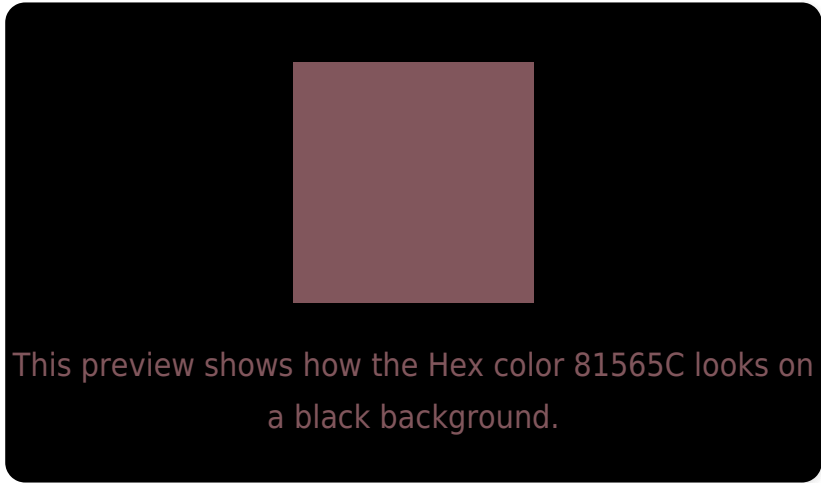
Large Text (above 18pt) WCAG AA ✓ Pass

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

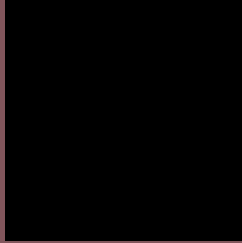
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 81565C Background



This preview shows how black text looks on a background with the Hex color 81565C.



This preview shows how white text looks on a background with the Hex color 81565C.

# 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**  
81565C

**Protanopia**  
636162

**Deuteranopia**  
6E5E5A



**Tritanopia**  
81565C

# Trichromacy



**Original Color**  
81565C

**Protanomaly**  
6E5D60

**Deuteranomaly**  
755B5B

**Tritanomaly**  
81565C

# Monochromacy



**Original Color**  
81565C

**Achromatopsia**  
646464

**Achromatomaly**  
6F5F61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81565C 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 #81565C looks like.

```
.text, #text, p{  
  color:#81565C  
}
```

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 #81565C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81565C
}
```

## Border

The CSS property to change the border of an element to Hex 81565C is called "border". The border property can be set on classes, ids or directly on the HTML element.

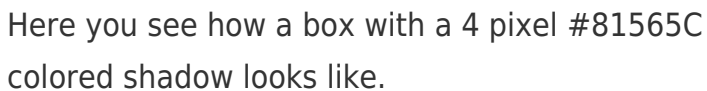
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81565C }
```

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

```
.border{ border-color:#81565C }
```

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



Here you see how a box with a 4 pixel #81565C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81565C; -webkit-box-shadow:4px 4px  
4px 4px #81565C; box-shadow:4px 4px 4px  
4px #81565C }
```

# Background

The CSS property to change the background color of an element to Hex 81565C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81565C }
```

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

```
.background{ background-color:#81565C }
```

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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