

Converting Colors

Hex(81564E)

Have a look what the booklet for
Hex(81564E) contains.

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Color

Hex(81564E)

Conversions

Conversions Part 1

Format	Color
Hex	81564E
RGB	129, 86, 78
RGB Percent	51%, 34%, 31%
CMY	0.4941, 0.6627, 0.6941
CMYK	0.00, 0.33, 0.40, 0.49
HSL	9°, 25%, 41%
HSV	9°, 40%, 51%
XYZ	13.7562, 11.8728, 8.7744
YIQ	97.9450, 28.1960, 6.6280

Conversions

Conversions Part 2

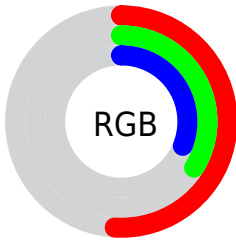
Format	Color
R_{YB}	129, 87, 78
Decimal	8476238
CIE _{Lab}	41.01, 16.77, 11.91
CIE _{LCh}	41, 20.570, 35.386
Yxy	11.8728, 0.3999, 0.3451
Android (android.graphics.Color)	4286666318 (0xFF81564E)
YUV	97.9450, -9.8329, 27.2352
Hunter-Lab	34.4569, 10.9629, 9.0217

Details

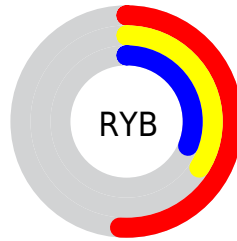
The Hex color **81564E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4E7981**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **B7887F**, and **4E2822** is the 20% darker color. If you saturate the color by 10%, you get **814B41**, and if you desaturate by 10%, it is **81615B**.

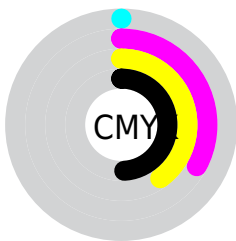
Distribution



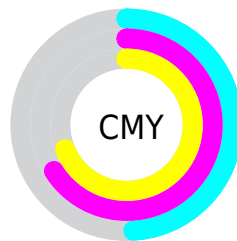
- Red (51%)
- Green (34%)
- Blue (31%)



- Red (51%)
- Yellow (34%)
- Blue (31%)



- Cyan (0%)
- Magenta (33%)
- Yellow (40%)
- Black (49%)



- Cyan (49%)
- Magenta (66%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81564E 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 81564E by changing the saturation by 10% instead.



81564E



81564E

FFFFFF



673E37



B7887F



4E2822



D3A299



36130C



F0BEB4



210000



FFD9CF



000000



FFF6EB



81564E



81564E



814B41




81615B




814034



816C68

 813527

 817775

 812A1A

 818282

 81200E

 818C8F

 811501

 81979B

 811400

 81A2A8

 81ADB5

 81B8C2

Harmonies

Analogous

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



82545E



81564E



785B42

Triad

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



81564E



436952



4F6182

Complementary

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



81564E



4E7981

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.



37667F



81564E



316A63

Square

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



81564E



576645



296974



675B7C

Rectangle

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



81564E



6F5F3F



296974



466382

Sweetspot

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



81564E



A89794



814E79



544A48



D4D4D4



545454

Same Dimension

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



81564E



A86659



816F4E



403A39



801400



000000

Inverse Universe

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



4E7981



599CA8



4E6081



393F40



006B80



000000

Previews

White Background



This preview shows how the Hex color 81564E looks on a white background.

Color Contrast Check

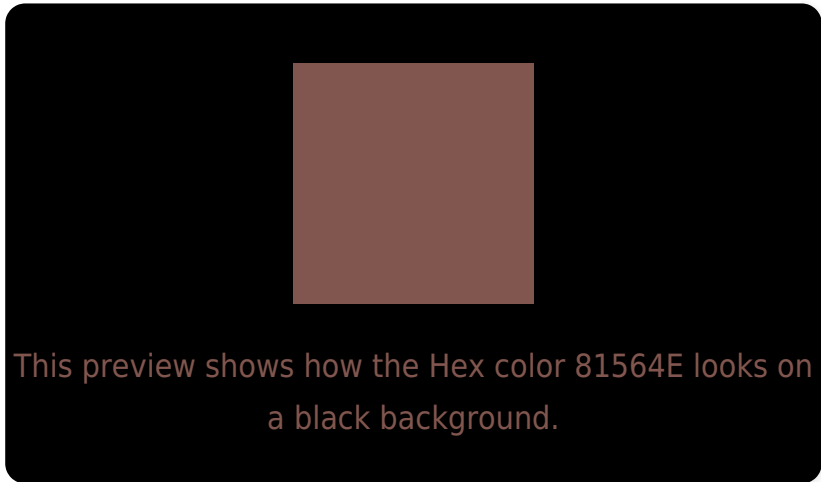
Large Text (above 18pt) WCAG AA ✓ Pass

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

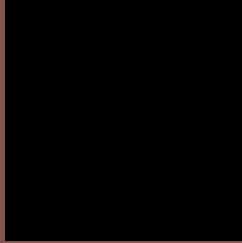
Any Text WCAG AA × Fail

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 81564E Background



This preview shows how black text looks on a background with the Hex color 81564E.



This preview shows how white text looks on a background with the Hex color 81564E.

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
81564E

Protanopia
666153

Deuteranopia
715D4D



Tritanopia
82545B

Trichromacy



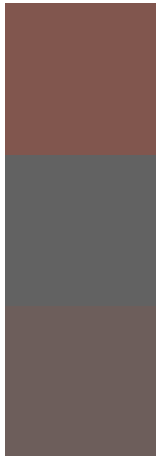
Original Color
81564E

Protanomaly
705D51

Deuteranomaly
775A4D

Tritanomaly
825556

Monochromacy



Original Color
81564E

Achromatopsia
626262

Achromatomaly
6D5E5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 81564E 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 #81564E looks like.

```
.text, #text, p{  
    color:#81564E  
}
```

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 #81564E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81564E
}
```

Border

The CSS property to change the border of an element to Hex 81564E is called "border". The border property can be set on classes, ids or directly on the HTML element.

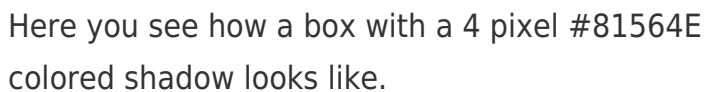
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81564E }
```

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

```
.border{ border-color:#81564E }
```

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



Here you see how a box with a 4 pixel #81564E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81564E; -webkit-box-shadow:4px 4px  
4px 4px #81564E; box-shadow:4px 4px 4px  
4px #81564E }
```

Background

The CSS property to change the background color of an element to Hex 81564E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81564E }
```

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

```
.background{ background-color:#81564E }
```

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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