

Converting Colors

Hex(81414A)

Have a look what the booklet for
Hex(81414A) contains.

Hex(81414A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(81414A)

Conversions

Conversions Part 1

Format	Color
Hex	81414A
RGB	129, 65, 74
RGB Percent	51%, 25%, 29%
CMY	0.4941, 0.7451, 0.7098
CMYK	0.00, 0.50, 0.43, 0.49
HSL	352°, 33%, 38%
HSV	352°, 50%, 51%
XYZ	12.1796, 8.9421, 7.5626
YIQ	85.1620, 35.2550, 16.3670

Conversions

Conversions Part 2

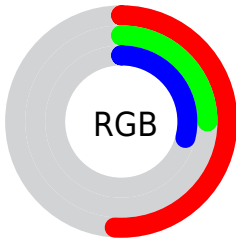
Format	Color
R_{YB}	129, 65, 74
Decimal	8470858
CIE _{Lab}	35.87, 28.49, 7.22
CIE _{LCh}	36, 29.390, 14.228
Yxy	8.9421, 0.4246, 0.3117
Android (android.graphics.Color)	4286660938 (0xFF81414A)
YUV	85.1620, -5.5029, 38.4459
Hunter-Lab	29.9034, 20.3717, 5.9378

Details

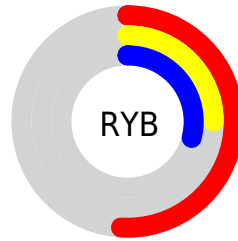
The Hex color **81414A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **418178**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B8737B**, and **4C121F** is the 20% darker color. If you saturate the color by 10%, you get **81343F**, and if you desaturate by 10%, it is **814E55**.

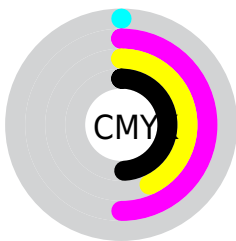
Distribution



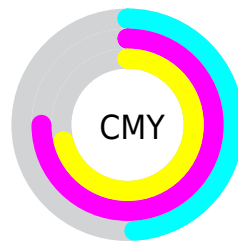
- Red (51%)
- Green (25%)
- Blue (29%)



- Red (51%)
- Yellow (25%)
- Blue (29%)



- Cyan (0%)
- Magenta (50%)
- Yellow (43%)
- Black (49%)



- Cyan (49%)
- Magenta (75%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81414A 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 81414A by changing the saturation by 10% instead.

81414A

81414A

FFFFFF

662934

B8737B

4C121F

D58D94

340005

F2A7AF

170000

FFC3CA

000000

FFDFE6

FFFCFF

81414A

81414A

81343F

814E55

■ 812734

■ 815B60

■ 811A29

■ 81686B

■ 810D1E

■ 817576

■ 810113

■ 818281

■ 810012

■ 818E8D

■ 819B98

■ 81A8A3

■ 81B5AE

Harmonies

Analogous

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



7A4262



81414A



7C4635

Triad

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



81414A



3D5C31



005A81

Complementary

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



81414A



418178

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.



005F75



81414A



196047

Square

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



81414A



585725



00605F



425382

Rectangle

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



81414A



734C2A



00605F



005C7E

Sweetspot

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



81414A



A88F93



774181



544547



D4D4D4



545454

Same Dimension

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



81414A



A84352



815741



40393A



800012



000000

Inverse Universe

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



81414A



A84352



416B81



40393A



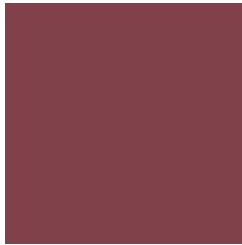
800012



000000

Previews

White Background



This preview shows how the Hex color 81414A looks on a white background.

Color Contrast Check

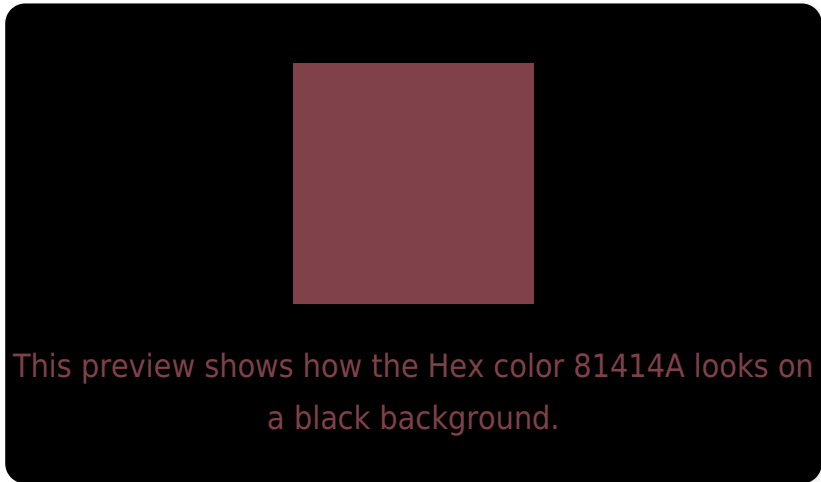
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 81414A Background



This preview shows how black text looks on a background with the Hex color 81414A.



This preview shows how white text looks on a background with the Hex color 81414A.

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
81414A

Protanopia
575554

Deuteranopia
625247



Tritanopia
814246

Trichromacy



Original Color
81414A

Protanomaly
664E50

Deuteranomaly
6D4C48

Tritanomaly
814247

Monochromacy



Original Color
81414A

Achromatopsia
555555

Achromatomaly
654E51

CSS Examples

Text

The CSS property to change the color of the text to Hex 81414A 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 #81414A looks like.

```
.text, #text, p{  
    color:#81414A  
}
```

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 #81414A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81414A
}
```

Border

The CSS property to change the border of an element to Hex 81414A is called "border". The border property can be set on classes, ids or directly on the HTML element.

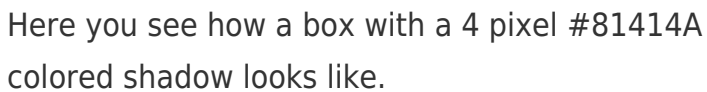
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81414A }
```

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

```
.border{ border-color:#81414A }
```

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



Here you see how a box with a 4 pixel #81414A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81414A; -webkit-box-shadow:4px 4px  
4px 4px #81414A; box-shadow:4px 4px 4px  
4px #81414A }
```

Background

The CSS property to change the background color of an element to Hex 81414A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81414A }
```

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

```
.background{ background-color:#81414A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor