

Converting Colors

Hex(808A41)

Have a look what the booklet for
Hex(808A41) contains.

Hex(808A41)	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(808A41)

Conversions

Conversions Part 1

Format	Color
Hex	808A41
RGB	128, 138, 65
RGB Percent	50%, 54%, 25%
CMY	0.4980, 0.4588, 0.7451
CMYK	0.07, 0.00, 0.53, 0.46
HSL	68°, 36%, 40%
HSV	68°, 53%, 54%
XYZ	18.9447, 23.1478, 8.4705
YIQ	126.6880, 17.4730, -24.8230

Conversions

Conversions Part 2

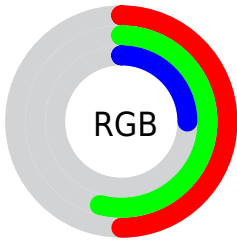
Format	Color
RYB	65, 138, 75
Decimal	8424001
CIELab	55.22, -14.93, 37.42
CIElCh	55, 40.291, 111.752
Yxy	23.1478, 0.3747, 0.4578
Android (android.graphics.Color)	4286614081 (0xFF808A41)
YUV	126.6880, -30.4122, 1.1506
Hunter-Lab	48.1122, -13.9099, 23.2401

Details

The Hex color **808A41** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **4B418A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B6BF73**, and **4D5810** is the 20% darker color. If you saturate the color by 10%, you get **7E8A33**, and if you desaturate by 10%, it is **828A4F**.

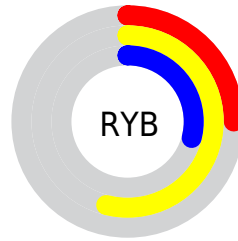
Distribution



Red (50%)

Green (54%)

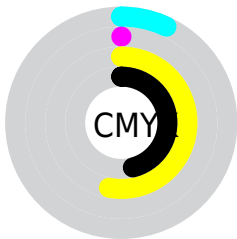
Blue (25%)



Red (25%)

Yellow (54%)

Blue (29%)

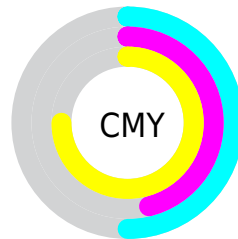


Cyan (7%)

Magenta (0%)

Yellow (53%)

Black (46%)



Cyan (50%)

Magenta (46%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 808A41 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 808A41 by changing the saturation by 10% instead.



808A41



808A41

FFFFFF



667129



B6BF73



4D5810



D2DB8D



354100



EFF8A8



1D2B00



FFFFC4



001800



FFFEE0



000000

FFFFFFD



808A41



808A41



7E8A33



828A4F

 7C8A25

 848A5D

 7A8A18

 868A6A

 788A0A

 888A78

 778A00

 898A86

 8B8A94

 8D8AA2

 8F8AAF

 918ABD

Harmonies

Analogous

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



A27F3E



808A41



579257

Triad

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



808A41



0093BA



C0688F

Complementary

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



808A41



4B418A

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.



A671B0



808A41



2C8BC9

Square

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



808A41



00969D



787FC5



C6696C

Rectangle

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



808A41



32956D



787FC5



BA6A9B

Sweetspot

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



808A41



AFB396



8A4B41



575948



D9D9D9



595959

Same Dimension

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



808A41



A3B342



5C8A41



44453E



728500



040500

Inverse Universe

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



4B418A



5142B3



6F418A



3F3E45



120085



010005

Previews

White Background



This preview shows how the Hex color 808A41 looks on a white background.

Color Contrast Check

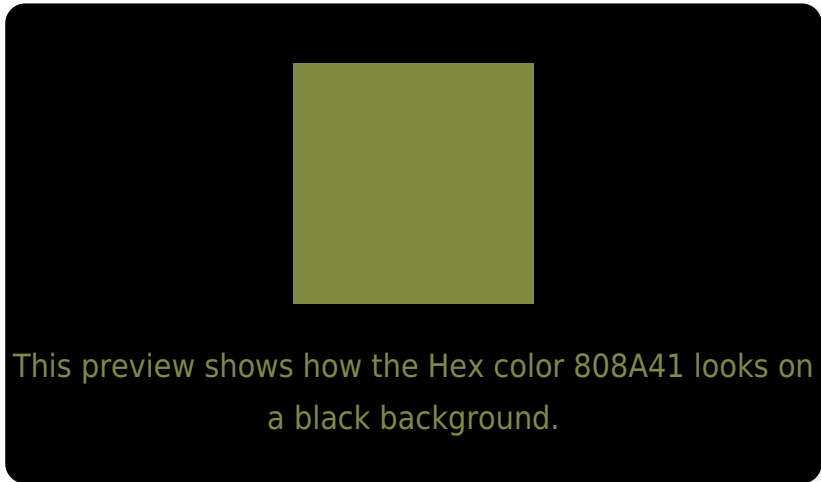
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

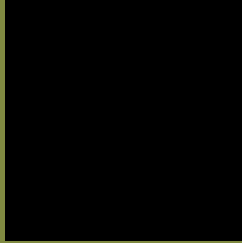
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 808A41 Background



This preview shows how black text looks on a background with the Hex color 808A41.



This preview shows how white text looks on a background with the Hex color 808A41.

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
808A41

Protanopia
92843F

Deuteranopia
A27E44



Tritanopia
88828C

Trichromacy



Original Color
808A41

Protanomaly
8B8640

Deuteranomaly
968243

Tritanomaly
858571

Monochromacy



Original Color
808A41

Achromatopsia
7F7F7F

Achromatomaly
7F8368

CSS Examples

Text

The CSS property to change the color of the text to Hex 808A41 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 #808A41 looks like.

```
.text, #text, p{  
    color:#808A41  
}
```

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 #808A41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808A41  
}
```

Border

The CSS property to change the border of an element to Hex 808A41 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  
#808A41 }
```

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

```
.border{ border-color:#808A41 }
```

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

Here you see how a box with a 4 pixel #808A41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808A41; -webkit-box-shadow:4px 4px  
4px 4px #808A41; box-shadow:4px 4px 4px  
4px #808A41 }
```

Background

The CSS property to change the background color of an element to Hex 808A41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808A41 }
```

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

```
.background{ background-color:#808A41 }
```

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