

Converting Colors

Hex(808C40)

Have a look what the booklet for
Hex(808C40) contains.

Hex(808C40)	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(808C40)

Conversions

Conversions Part 1

Format	Color
Hex	808C40
RGB	128, 140, 64
RGB Percent	50%, 55%, 25%
CMY	0.4980, 0.4510, 0.7490
CMYK	0.09, 0.00, 0.54, 0.45
HSL	69°, 37%, 40%
HSV	69°, 54%, 55%
XYZ	19.2056, 23.7155, 8.4158
YIQ	127.7480, 17.2440, -26.1800

Conversions

Conversions Part 2

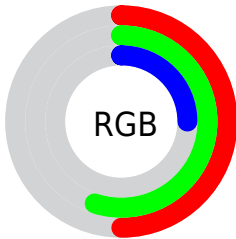
Format	Color
RYB	64, 140, 76
Decimal	8424512
CIELab	55.80, -16.09, 38.60
CIELCh	56, 41.820, 112.623
Yxy	23.7155, 0.3741, 0.4620
Android (android.graphics.Color)	4286614592 (0xFF808C40)
YUV	127.7480, -31.4278, 0.2210
Hunter-Lab	48.6986, -14.8263, 23.8429

Details

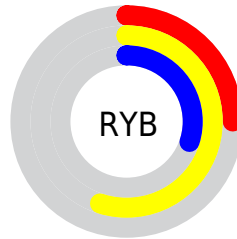
The Hex color **808C40** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4C408C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B6C272**, and **4D5A0E** is the 20% darker color. If you saturate the color by 10%, you get **7E8C32**, and if you desaturate by 10%, it is **828C4E**.

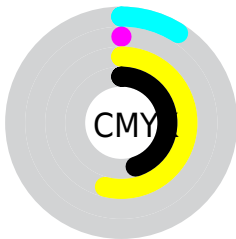
Distribution



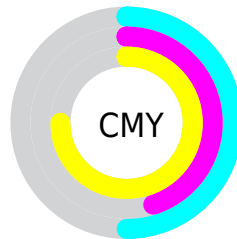
- Red (50%)
- Green (55%)
- Blue (25%)



- Red (25%)
- Yellow (55%)
- Blue (30%)



- Cyan (9%)
- Magenta (0%)
- Yellow (54%)
- Black (45%)



- Cyan (50%)
- Magenta (45%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 808C40 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 808C40 by changing the saturation by 10% instead.



808C40



808C40

FFFFFF



667328



B6C272



4D5A0E



D3DD8C



344300



EFFAA7



1D2C00



FFFFC3



001900



FFFFDF



000000

FFFFFFC



808C40



808C40



7E8C32



828C4E

 7C8C24

 848C5C

 798C16

 878C6A

 778C08

 898C78

 768C00

 8B8C86

 8D8C94

 8F8CA2

 928CB0

 948CBE

Harmonies

Analogous

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



A3813C



808C40



559458

Triad

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



808C40



0094BF



C46890

Complementary

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



808C40



4C408C

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.



AA72B2



808C40



298CCD

Square

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



808C40



0098A0



7A80C9



CA696C

Rectangle

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



808C40



2B976F



7A80C9



BE6A9C

Sweetspot

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



808C40



B0B598



8C4B40



595C4A



DBDBDB



5C5C5C

Same Dimension

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



808C40



A2B53F



5B8C40



44453E



708500



040500

Inverse Universe

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



4C408C



523FB5



71408C



3F3E45



150085



010005

Previews

White Background



This preview shows how the Hex color 808C40 looks on a white background.

Color Contrast Check

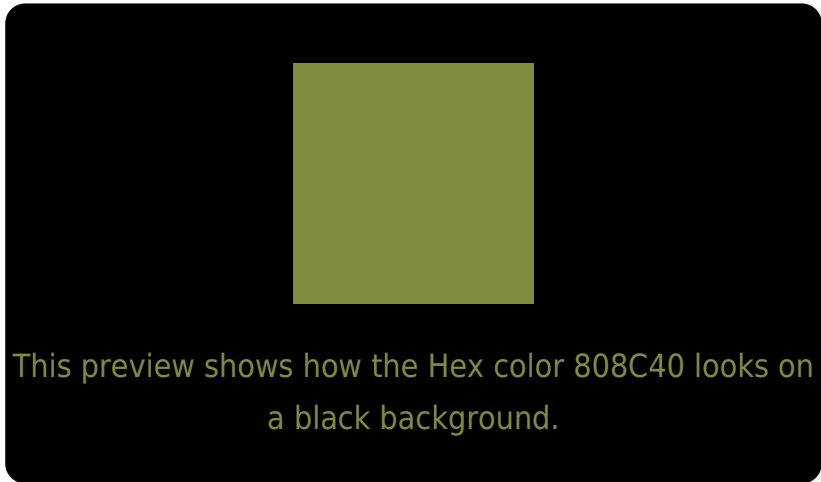
Large Text (above 18pt) WCAG AA ✓ Pass

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

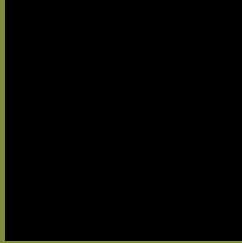
Any Text WCAG AA ✓ Pass

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 808C40 Background



This preview shows how black text looks on a background with the Hex color 808C40.



This preview shows how white text looks on a background with the Hex color 808C40.

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
808C40

Protanopia
94863E

Deuteranopia
A47F43



Tritanopia
89848E

Trichromacy



Original Color
808C40

Protanomaly
8D883F

Deuteranomaly
978442

Tritanomaly
868772

Monochromacy



Original Color
808C40

Achromatopsia
808080

Achromatomaly
808469

CSS Examples

Text

The CSS property to change the color of the text to Hex 808C40 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 #808C40 looks like.

```
.text, #text, p{  
    color:#808C40  
}
```

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 #808C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808C40
}
```

Border

The CSS property to change the border of an element to Hex 808C40 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
#808C40 }
```

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

```
.border{ border-color:#808C40 }
```

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

Here you see how a box with a 4 pixel #808C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808C40; -webkit-box-shadow:4px 4px  
4px 4px #808C40; box-shadow:4px 4px 4px  
4px #808C40 }
```

Background

The CSS property to change the background color of an element to Hex 808C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808C40 }
```

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

```
.background{ background-color:#808C40 }
```

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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