

Converting Colors

Hex(828C40)

Have a look what the booklet for
Hex(828C40) contains.

Hex(828C40)	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(828C40)

Conversions

Conversions Part 1

Format	Color
Hex	828C40
RGB	130, 140, 64
RGB Percent	51%, 55%, 25%
CMY	0.4902, 0.4510, 0.7490
CMYK	0.07, 0.00, 0.54, 0.45
HSL	68°, 37%, 40%
HSV	68°, 54%, 55%
XYZ	19.5094, 23.8722, 8.4300
YIQ	128.3460, 18.4360, -25.7560

Conversions

Conversions Part 2

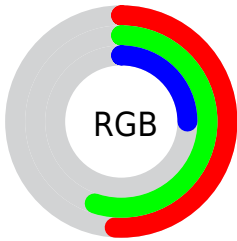
Format	Color
RYB	64, 140, 74
Decimal	8555584
CIELab	55.96, -15.23, 38.83
CIELCh	56, 41.706, 111.414
Yxy	23.8722, 0.3765, 0.4607
Android (android.graphics.Color)	4286745664 (0xFF828C40)
YUV	128.3460, -31.7226, 1.4506
Hunter-Lab	48.8591, -14.2286, 23.9717

Details

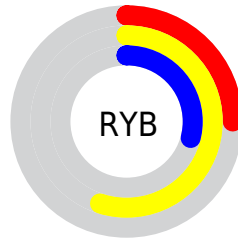
The Hex color **828C40** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4A408C**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B8C172**, and **4E5A0E** is the 20% darker color. If you saturate the color by 10%, you get **808C32**, and if you desaturate by 10%, it is **848C4E**.

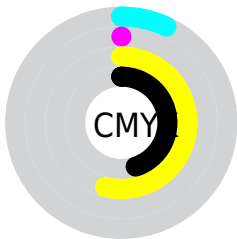
Distribution



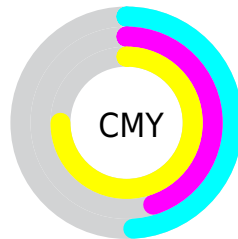
- Red (51%)
- Green (55%)
- Blue (25%)



- Red (25%)
- Yellow (55%)
- Blue (29%)



- Cyan (7%)
- Magenta (0%)
- Yellow (54%)
- Black (45%)



- Cyan (49%)
- Magenta (45%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 828C40 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 828C40 by changing the saturation by 10% instead.



828C40



828C40

FFFFFF



687328



B8C172



4E5A0E



D5DD8C



364300



F2FAA7



1E2C00



FFFFC3



001900



FFFFDF



000000

FFFFFFC



828C40



828C40



808C32



848C4E

 7E8C24

 868C5C

 7C8C16

 888C6A

 7B8C08

 898C78

 7A8C00

 8B8C86

 8D8C94

 8F8CA2

 918CB0

 938CBE

Harmonies

Analogous

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



A5803D



828C40



579457

Triad

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



828C40



0095BE



C46992

Complementary

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



828C40



4A408C

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.



A973B4



828C40



258DCD

Square

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



828C40



00989F



7881CA



CA696E

Rectangle

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



828C40



30976E



7881CA



BD6B9E

Sweetspot

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



828C40



B1B598



8C4940



5A5C4A



DBDBDB



5C5C5C

Same Dimension

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



828C40



A6B53F



5D8C40



44453E



738500



040500

Inverse Universe

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



4A408C



4F3FB5



6F408C



3F3E45



110085



010005

Previews

White Background



This preview shows how the Hex color 828C40 looks on a white background.

Color Contrast Check

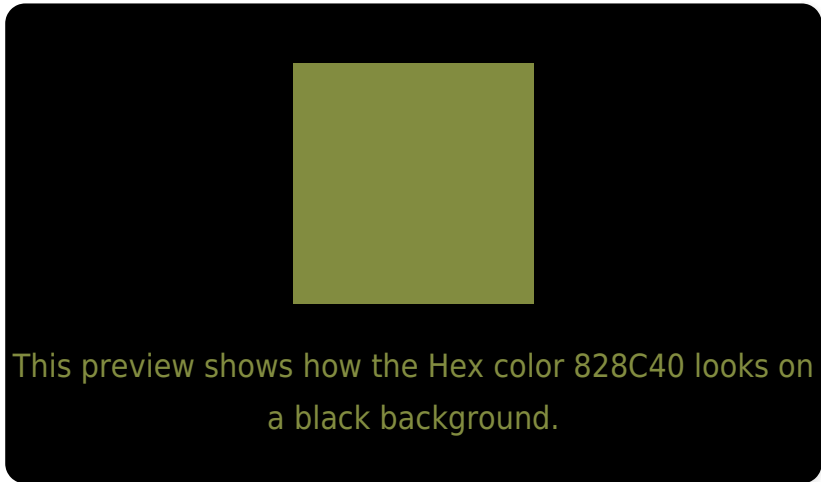
Large Text (above 18pt) WCAG AA ✓ Pass

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

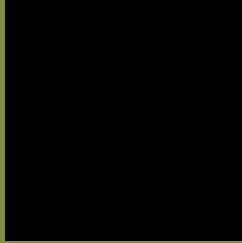
Any Text WCAG AA ✓ Pass

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 828C40 Background



This preview shows how black text looks on a background with the Hex color 828C40.



This preview shows how white text looks on a background with the Hex color 828C40.

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
828C40

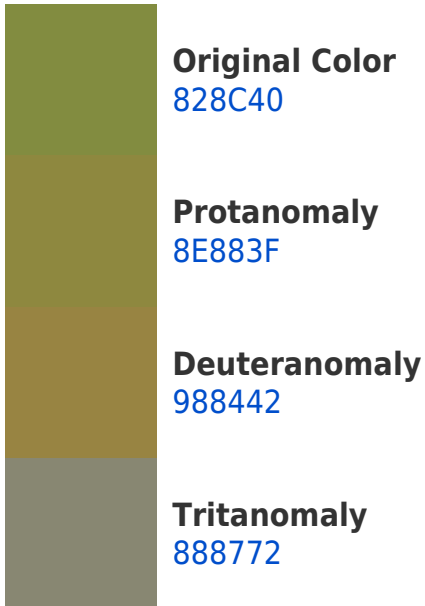
Protanopia
95863E

Deuteranopia
A58043

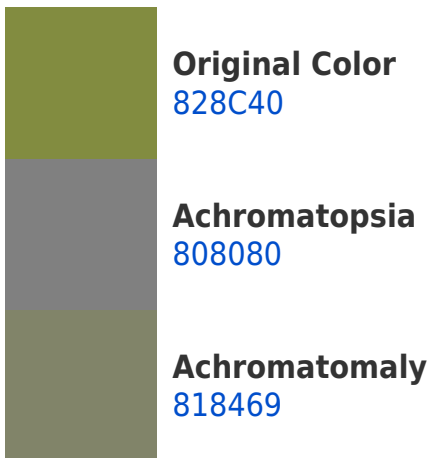


Tritanopia
8B848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 828C40 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 #828C40 looks like.

```
.text, #text, p{  
    color:#828C40  
}
```

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 #828C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828C40
}
```

Border

The CSS property to change the border of an element to Hex 828C40 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
#828C40 }
```

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

```
.border{ border-color:#828C40 }
```

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

Here you see how a box with a 4 pixel #828C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828C40; -webkit-box-shadow:4px 4px  
4px 4px #828C40; box-shadow:4px 4px 4px  
4px #828C40 }
```

Background

The CSS property to change the background color of an element to Hex 828C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828C40 }
```

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

```
.background{ background-color:#828C40 }
```

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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