

Converting Colors

Hex(828D2B)

Have a look what the booklet for
Hex(828D2B) contains.

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Color

Hex(828D2B)

Conversions

Conversions Part 1

Format	Color
Hex	828D2B
RGB	130, 141, 43
RGB Percent	51%, 55%, 17%
CMY	0.4902, 0.4471, 0.8314
CMYK	0.08, 0.00, 0.70, 0.45
HSL	67°, 53%, 36%
HSV	67°, 70%, 55%
XYZ	19.1668, 23.9700, 5.9020
YIQ	126.5390, 24.9020, -32.8100

Conversions

Conversions Part 2

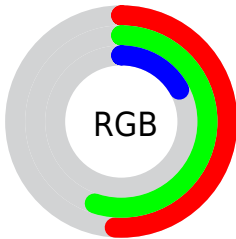
Format	Color
RYB	43, 141, 54
Decimal	8555819
CIELab	56.06, -17.39, 48.55
CIElCh	56, 51.566, 109.705
Yxy	23.9700, 0.3909, 0.4888
Android (android.graphics.Color)	4286745899 (0xFF828D2B)
YUV	126.5390, -41.1847, 3.0353
Hunter-Lab	48.9592, -15.7982, 27.1241

Details

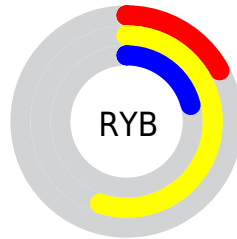
The Hex color **828D2B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **362B8D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B9C35F**, and **4D5B00** is the 20% darker color. If you saturate the color by 10%, you get **808D1D**, and if you desaturate by 10%, it is **848D39**.

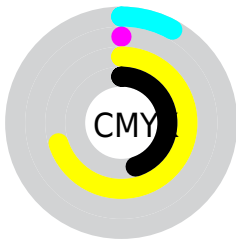
Distribution



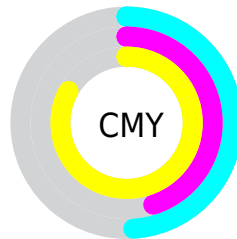
- Red (51%)
- Green (55%)
- Blue (17%)



- Red (17%)
- Yellow (55%)
- Blue (21%)



- Cyan (8%)
- Magenta (0%)
- Yellow (70%)
- Black (45%)



- Cyan (49%)
- Magenta (45%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 828D2B 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 828D2B by changing the saturation by 10% instead.

 828D2B

 828D2B

FFFFFF

 67740D

 B9C35F

 4D5B00

 D6DE79

 354400

 F3FB94

 1B2D00

 FFFF4F

 001A00

 FFFFCB

 000000

 FFFF88

 828D2B

 828D2B

 808D1D

 848D39

■ 7F8D0F

■ 858D47

■ 7D8D01

■ 878D55

■ 7D8D00

■ 888D63

■ 8A8D72

■ 8B8D80

■ 8D8D8E

■ 8F8D9C

■ 908DAA

Harmonies

Analogous

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



AC7F29



828D2B



4C964A

Triad

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



828D2B



0099CA



D05F98

Complementary

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



828D2B



362B8D

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.



AE6EC1



828D2B



0090DE

Square

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



828D2B



009CA3



6C81DB



D85F6B

Rectangle

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



828D2B



009A66



6C81DB



C863A6

Sweetspot

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



828D2B



B3B891



8D352B



595C45



DBDBDB



5C5C5C

Same Dimension

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



828D2B



A6B81F



528D2B



474740



788700



070800

Inverse Universe

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



362B8D



301FB8



662B8D



414047



0F0087



010008

Previews

White Background



This preview shows how the Hex color 828D2B 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 828D2B Background



This preview shows how black text looks on a background with the Hex color 828D2B.



This preview shows how white text looks on a background with the Hex color 828D2B.

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





Tritanopia
8C848E

Trichromacy



Original Color
828D2B

Protanomaly
8F892A

Deuteranomaly
9A852E

Tritanomaly
88876A

Monochromacy



Original Color
828D2B

Achromatopsia
7F7F7F

Achromatomaly
808460

CSS Examples

Text

The CSS property to change the color of the text to Hex 828D2B 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 #828D2B looks like.

```
.text, #text, p{  
    color:#828D2B  
}
```

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 #828D2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828D2B
}
```

Border

The CSS property to change the border of an element to Hex 828D2B 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
#828D2B }
```

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

```
.border{ border-color:#828D2B }
```

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

Here you see how a box with a 4 pixel #828D2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828D2B; -webkit-box-shadow:4px 4px  
4px 4px #828D2B; box-shadow:4px 4px 4px  
4px #828D2B }
```

Background

The CSS property to change the background color of an element to Hex 828D2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828D2B }
```

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

```
.background{ background-color:#828D2B }
```

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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