

Converting Colors

Hex(838A2D)

Have a look what the booklet for
Hex(838A2D) contains.

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Color

Hex(838A2D)

Conversions

Conversions Part 1

Format	Color
Hex	838A2D
RGB	131, 138, 45
RGB Percent	51%, 54%, 18%
CMY	0.4863, 0.4588, 0.8235
CMYK	0.05, 0.00, 0.67, 0.46
HSL	65°, 51%, 36%
HSV	65°, 67%, 54%
XYZ	18.9222, 23.1917, 5.9618
YIQ	125.3050, 25.6810, -30.4070

Conversions

Conversions Part 2

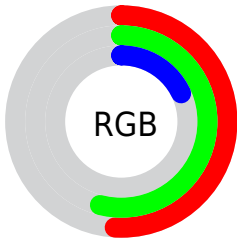
Format	Color
R_{YB}	45, 138, 52
Decimal	8620589
CIE _{Lab}	55.27, -15.24, 46.93
CIE _{LCh}	55, 49.345, 107.991
Yxy	23.1917, 0.3936, 0.4824
Android (android.graphics.Color)	4286810669 (0xFF838A2D)
YUV	125.3050, -39.5904, 4.9945
Hunter-Lab	48.1578, -14.1397, 26.3705

Details

The Hex color **838A2D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **342D8A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **BABF60**, and **4E5800** is the 20% darker color. If you saturate the color by 10%, you get **828A1F**, and if you desaturate by 10%, it is **848A3B**.

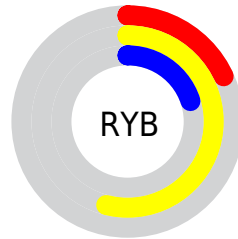
Distribution



Red (51%)

Green (54%)

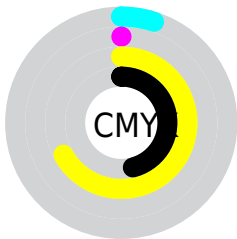
Blue (18%)



Red (18%)

Yellow (54%)

Blue (20%)

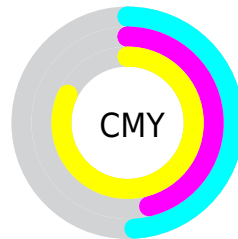


Cyan (5%)

Magenta (0%)

Yellow (67%)

Black (46%)



Cyan (49%)

Magenta (46%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 838A2D 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 838A2D by changing the saturation by 10% instead.

 838A2D

 838A2D

FFFFFF

 687111

 BABF60

 4E5800

 D7DB7A

 364100

 F4F895

 1D2B00

 FFFF80

 001800

 FFFFCC

 000000

 FFFF99

 838A2D

 838A2D

 828A1F

 848A3B

 818A11

 858A49

 808A04

 868A56

 808A00

 878A64

 888A72

 898A80

 8A8A8E

 8B8A9B

 8C8AA9

Harmonies

Analogous

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



AA7C2D



838A2D



519348

Triad

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



838A2D



0096C3



CA6097

Complementary

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



838A2D



342D8A

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.



A76EBE



838A2D



008ED8

Square

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



838A2D



00999D



6880D6



D35F6C

Rectangle

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



838A2D



139763



6880D6



C164A5

Sweetspot

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



838A2D



B0B38F



8A332D



585944



D9D9D9



595959

Same Dimension

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



838A2D



A8B322



558A2D



44453E



7B8500



050500

Inverse Universe

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



342D8A



2D22B3



622D8A



3E3E45



0A0085



000005

Previews

White Background



This preview shows how the Hex color 838A2D looks on a white background.

Color Contrast Check

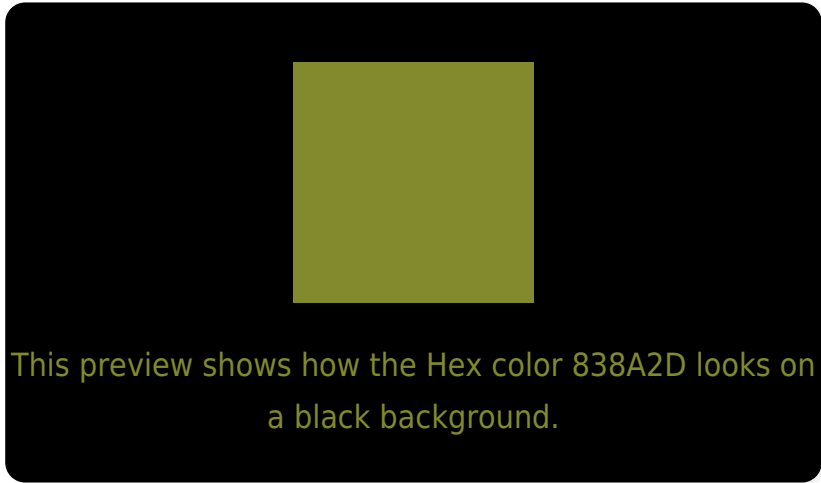
Large Text (above 18pt) WCAG AA ✓ Pass

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

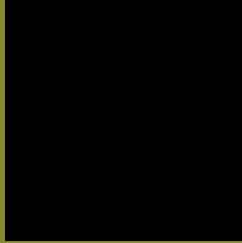
Any Text WCAG AA ✓ Pass

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 838A2D Background



This preview shows how black text looks on a background with the Hex color 838A2D.



This preview shows how white text looks on a background with the Hex color 838A2D.

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
838A2D

Protanopia
94842C

Deuteranopia
A57E31



Tritanopia
8C818B

Trichromacy



Original Color
838A2D

Protanomaly
8E862C

Deuteranomaly
998230

Tritanomaly
898469

Monochromacy



Original Color
838A2D

Achromatopsia
7D7D7D

Achromatomaly
7F8260

CSS Examples

Text

The CSS property to change the color of the text to Hex 838A2D 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 #838A2D looks like.

```
.text, #text, p{  
    color:#838A2D  
}
```

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 #838A2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838A2D
}
```

Border

The CSS property to change the border of an element to Hex 838A2D 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
#838A2D }
```

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

```
.border{ border-color:#838A2D }
```

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

Here you see how a box with a 4 pixel #838A2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838A2D; -webkit-box-shadow:4px 4px  
4px 4px #838A2D; box-shadow:4px 4px 4px  
4px #838A2D }
```

Background

The CSS property to change the background color of an element to Hex 838A2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838A2D }
```

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

```
.background{ background-color:#838A2D }
```

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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