

Converting Colors

Hex(8A7C2F)

Have a look what the booklet for
Hex(8A7C2F) contains.

Hex(8A7C2F)	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(8A7C2F)

Conversions

Conversions Part 1

Format	Color
Hex	8A7C2F
RGB	138, 124, 47
RGB Percent	54%, 49%, 18%
CMY	0.4588, 0.5137, 0.8157
CMYK	0.00, 0.10, 0.66, 0.46
HSL	51°, 49%, 36%
HSV	51°, 66%, 54%
XYZ	18.2020, 20.0238, 5.5950
YIQ	119.4080, 33.0610, -20.9790

Conversions

Conversions Part 2

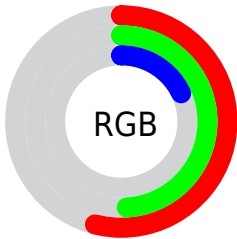
Format	Color
RYB	64, 138, 47
Decimal	9075759
CIELab	51.86, -4.32, 42.65
CIElCh	52, 42.870, 95.778
Yxy	20.0238, 0.4154, 0.4569
Android (android.graphics.Color)	4287265839 (0xFF8A7C2F)
YUV	119.4080, -35.6971, 16.3052
Hunter-Lab	44.7480, -5.7011, 23.9104

Details

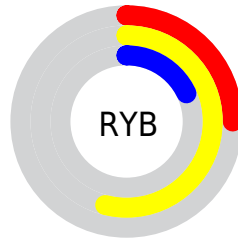
The Hex color **8A7C2F** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2F3D8A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **C2B061**, and **554C00** is the 20% darker color. If you saturate the color by 10%, you get **8A7A21**, and if you desaturate by 10%, it is **8A7E3D**.

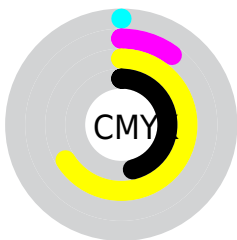
Distribution



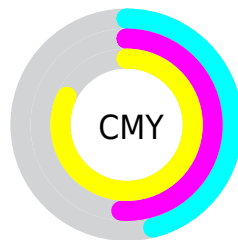
- Red (54%)
- Green (49%)
- Blue (18%)



- Red (25%)
- Yellow (54%)
- Blue (18%)



- Cyan (0%)
- Magenta (10%)
- Yellow (66%)
- Black (46%)



- Cyan (46%)
- Magenta (51%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A7C2F 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 8A7C2F by changing the saturation by 10% instead.

 8A7C2F

 8A7C2F

FFFFFF

 6F6315

 C2B061

 554C00

 DFCC7B

 3C3500

 FCE895

 232000

 FFFF80

 000A00

 FFFFCC

 000000

 FFFF99

 8A7C2F

 8A7C2F

 8A7A21

 8A7E3D

■ 8A7813

■ 8A804B

■ 8A7606

■ 8A8258

■ 8A7500

■ 8A8466

■ 8A8774

■ 8A8982

■ 8A8B90

■ 8A8D9D

■ 8A8FAB

Harmonies

Analogous

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



A96F38



8A7C2F



63863D

Triad

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



8A7C2F



008DA6



AE619A

Complementary

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



8A7C2F



2F3D8A

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.



876FB7



8A7C2F



0087BE

Square

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



8A7C2F



008E82



467DC5



BF5C76

Rectangle

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



8A7C2F



438A51



467DC5



A466A5

Sweetspot

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



8A7C2F



B3AD8F



8A2F3E



595644



D9D9D9



595959

Same Dimension

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



8A7C2F



B39D25



6C8A2F



45443E



857000



050400

Inverse Universe

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



2F3D8A



253BB3



4D2F8A



3E3F45



001485



000105

Previews

White Background



This preview shows how the Hex color 8A7C2F looks on a white background.

Color Contrast Check

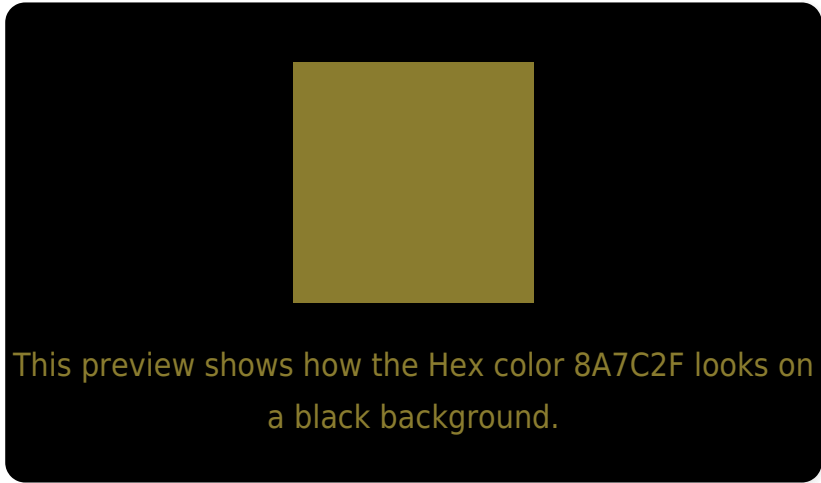
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A7C2F Background



This preview shows how black text looks on a background with the Hex color 8A7C2F.



This preview shows how white text looks on a background with the Hex color 8A7C2F.

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
8A7C2F

Protanopia
8A7C2F

Deuteranopia
9A7631



Tritanopia
91747D

Trichromacy



Original Color
8A7C2F

Protanomaly
8A7C2F

Deuteranomaly
947830

Tritanomaly
8E7761

Monochromacy



Original Color
8A7C2F

Achromatopsia
777777

Achromatomaly
7E795D

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A7C2F 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 #8A7C2F looks like.

```
.text, #text, p{  
    color:#8A7C2F  
}
```

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 #8A7C2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A7C2F
}
```

Border

The CSS property to change the border of an element to Hex 8A7C2F 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
#8A7C2F }
```

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

```
.border{ border-color:#8A7C2F }
```

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

Here you see how a box with a 4 pixel #8A7C2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A7C2F; -webkit-box-shadow:4px 4px  
4px 4px #8A7C2F; box-shadow:4px 4px 4px  
4px #8A7C2F }
```

Background

The CSS property to change the background color of an element to Hex 8A7C2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A7C2F }
```

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

```
.background{ background-color:#8A7C2F }
```

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