

Converting Colors

Hex(88682A)

Have a look what the booklet for
Hex(88682A) contains.

Hex(88682A)	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(88682A)

Conversions

Conversions Part 1

Format	Color
Hex	88682A
RGB	136, 104, 42
RGB Percent	53%, 41%, 16%
CMY	0.4667, 0.5922, 0.8353
CMYK	0.00, 0.24, 0.69, 0.47
HSL	40°, 53%, 35%
HSV	40°, 69%, 53%
XYZ	15.5216, 15.3020, 4.3260
YIQ	106.5000, 38.9740, -12.4980

Conversions

Conversions Part 2

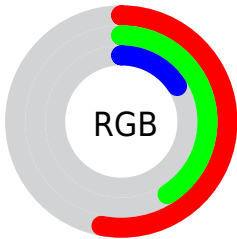
Format	Color
R_{YB}	91, 136, 42
Decimal	8939562
CIE _{Lab}	46.05, 5.86, 38.73
CIE _{LCh}	46, 39.170, 81.394
Yxy	15.3020, 0.4416, 0.4353
Android (android.graphics.Color)	4287129642 (0xFF88682A)
YUV	106.5000, -31.7985, 25.8715
Hunter-Lab	39.1178, 2.3709, 20.8256

Details

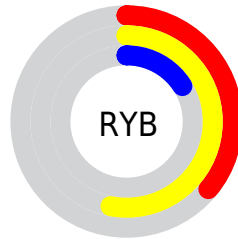
The Hex color **88682A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2A4A88**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **C09B5B**, and **533900** is the 20% darker color. If you saturate the color by 10%, you get **88631C**, and if you desaturate by 10%, it is **886D38**.

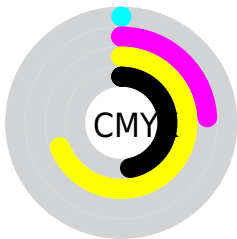
Distribution



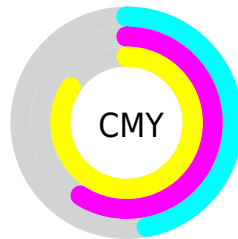
- Red (53%)
- Green (41%)
- Blue (16%)



- Red (36%)
- Yellow (53%)
- Blue (16%)



- Cyan (0%)
- Magenta (24%)
- Yellow (69%)
- Black (47%)



- Cyan (47%)
- Magenta (59%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88682A 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 88682A by changing the saturation by 10% instead.

 88682A

 88682A

FFFFFF

 6D5012

 C09B5B

 533900

 DDB674

 392400

 FAD18E

 211000

 FFEDA9

 000000

 FFFFC4

 FFFFE1

 FFFFFD

 88682A

 88682A

■ 88631C

■ 886D38

■ 885F0F

■ 887145

■ 885A01

■ 887653

■ 885A00

■ 887B60

■ 887F6E

■ 88847C

■ 888889

■ 888D97

■ 8892A4

Harmonies

Analogous

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



9F5C3B



88682A



69722D

Triad

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



88682A



007D84



8C5B96

Complementary

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



88682A



2A4A88

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.



5F68AA



88682A



007AA0

Square

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



88682A



007D62



0073AE



A55278

Rectangle

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



88682A



50773A



0073AE



805F9E

Sweetspot

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



88682A



B0A38B



882A4B



595243



D9D9D9



595959

Same Dimension

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



88682A



B07E1E



7A882A



45433E



855700



050300

Inverse Universe

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



2A4A88



1E50B0



382A88



3E4045



002D85



000205

Previews

White Background



This preview shows how the Hex color 88682A looks on a white background.

Color Contrast Check

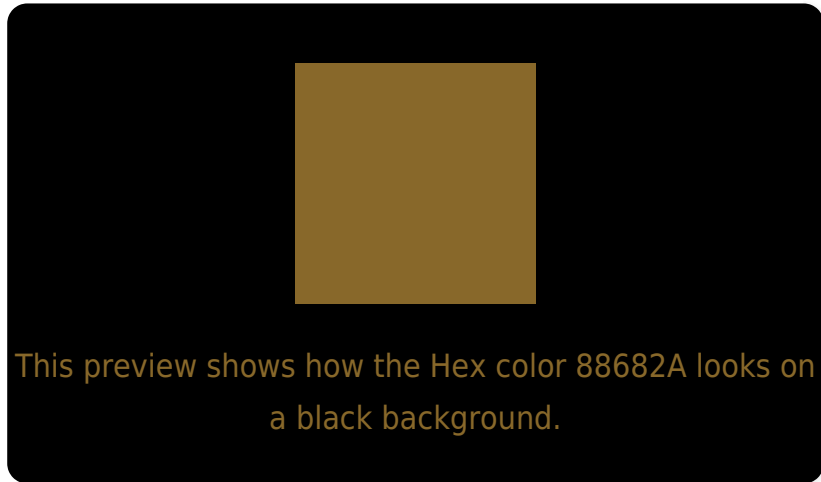
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 88682A Background



This preview shows how black text looks on a background with the Hex color 88682A.



This preview shows how white text looks on a background with the Hex color 88682A.

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
88682A

Protanopia
7A6E2C

Deuteranopia
88682A



Tritanopia
8D6269

Trichromacy



Original Color
88682A

Protanomaly
7F6C2B

Deuteranomaly
88682A

Tritanomaly
8B6452

Monochromacy



Original Color
88682A

Achromatopsia
6B6B6B

Achromatomaly
766A53

CSS Examples

Text

The CSS property to change the color of the text to Hex 88682A 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 #88682A looks like.

```
.text, #text, p{  
    color:#88682A  
}
```

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 #88682A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88682A
}
```

Border

The CSS property to change the border of an element to Hex 88682A 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
#88682A }
```

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

```
.border{ border-color:#88682A }
```

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

Here you see how a box with a 4 pixel #88682A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88682A; -webkit-box-shadow:4px 4px  
4px 4px #88682A; box-shadow:4px 4px 4px  
4px #88682A }
```

Background

The CSS property to change the background color of an element to Hex 88682A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88682A }
```

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

```
.background{ background-color:#88682A }
```

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