

Converting Colors

Hex(82733B)

Have a look what the booklet for
Hex(82733B) contains.

Hex(82733B)	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(82733B)

Conversions

Conversions Part 1

Format	Color
Hex	82733B
RGB	130, 115, 59
RGB Percent	51%, 45%, 23%
CMY	0.4902, 0.5490, 0.7686
CMYK	0.00, 0.12, 0.55, 0.49
HSL	47°, 38%, 37%
HSV	47°, 55%, 51%
XYZ	16.1261, 17.3231, 6.6314
YIQ	113.1010, 26.9160, -14.2360

Conversions

Conversions Part 2

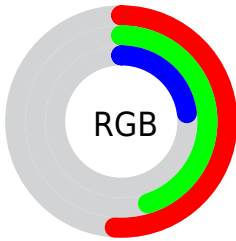
Format	Color
R_{YB}	78, 130, 59
Decimal	8549179
CIE Lab	48.66, -1.93, 32.80
CIE LCh	49, 32.858, 93.360
Yxy	17.3231, 0.4023, 0.4322
Android (android.graphics.Color)	4286739259 (0xFF82733B)
YUV	113.1010, -26.6718, 14.8204
Hunter-Lab	41.6210, -3.6768, 19.6881

Details

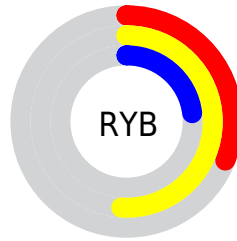
The Hex color **82733B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3B4A82**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B9A76C**, and **4E430C** is the 20% darker color. If you saturate the color by 10%, you get **82702E**, and if you desaturate by 10%, it is **827648**.

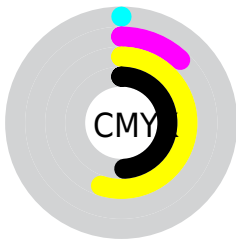
Distribution



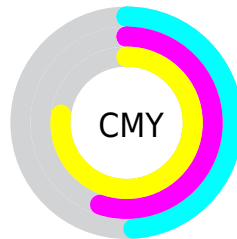
- Red (51%)
- Green (45%)
- Blue (23%)



- Red (31%)
- Yellow (51%)
- Blue (23%)



- Cyan (0%)
- Magenta (12%)
- Yellow (55%)
- Black (49%)



- Cyan (49%)
- Magenta (55%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82733B 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 82733B by changing the saturation by 10% instead.



82733B



82733B

FFFFFF



685B24



B9A76C



4E430C



D5C286



372D00



F2DEA0



1E1900



FFFABB



000000



FFFFD7



FFFFF4



82733B



82733B



82702E



827648

■ 826E21

■ 827855

■ 826B14

■ 827B62

■ 826807

■ 827E6F

■ 826700

■ 82817C

■ 828389

■ 828696

■ 8289A3

■ 828CB0

Harmonies

Analogous

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



996942



82733B



657B44

Triad

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



82733B



008191



99628D

Complementary

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



82733B



3B4A82

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.



7A6BA2



82733B



007DA5

Square

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



82733B



048276



4D75AB



A85D71

Rectangle

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



82733B



4E7F51



4D75AB



906495

Sweetspot

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



82733B



A8A38D



823B4A



545144



D4D4D4



545454

Same Dimension

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



82733B



A89139



6E823B



403E39



806500



000000

Inverse Universe

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



3B4A82



3951A8



4F3B82



393B40



001B80



000000

Previews

White Background



This preview shows how the Hex color 82733B looks on a white background.

Color Contrast Check

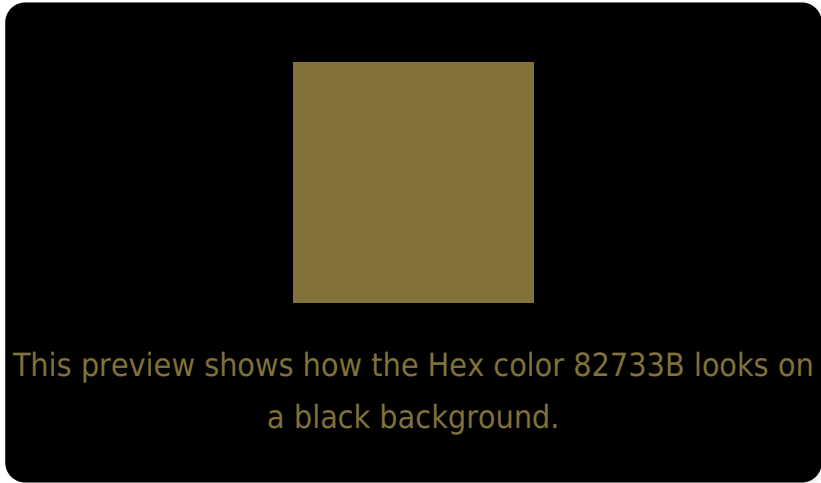
Large Text (above 18pt) WCAG AA ✓ Pass

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

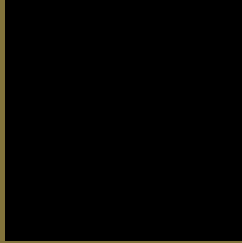
Any Text WCAG AA × Fail

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 82733B Background



This preview shows how black text looks on a background with the Hex color 82733B.



This preview shows how white text looks on a background with the Hex color 82733B.

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
82733B

Protanopia
80743B

Deuteranopia
8E6E3C



Tritanopia
876D75

Trichromacy



Original Color
82733B

Protanomaly
81743B

Deuteranomaly
8A703C

Tritanomaly
856F60

Monochromacy



Original Color
82733B

Achromatopsia
717171

Achromatomaly
77725D

CSS Examples

Text

The CSS property to change the color of the text to Hex 82733B 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 #82733B looks like.

```
.text, #text, p{  
    color:#82733B  
}
```

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 #82733B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82733B
}
```

Border

The CSS property to change the border of an element to Hex 82733B 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
#82733B }
```

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

```
.border{ border-color:#82733B }
```

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

Here you see how a box with a 4 pixel #82733B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82733B; -webkit-box-shadow:4px 4px  
4px 4px #82733B; box-shadow:4px 4px 4px  
4px #82733B }
```

Background

The CSS property to change the background color of an element to Hex 82733B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82733B }
```

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

```
.background{ background-color:#82733B }
```

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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