

Converting Colors

Hex(836B32)

Have a look what the booklet for
Hex(836B32) contains.

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Color

Hex(836B32)

Conversions

Conversions Part 1

Format	Color
Hex	836B32
RGB	131, 107, 50
RGB Percent	51%, 42%, 20%
CMY	0.4863, 0.5804, 0.8039
CMYK	0.00, 0.18, 0.62, 0.49
HSL	42°, 45%, 35%
HSV	42°, 62%, 51%
XYZ	15.1935, 15.5710, 5.2223
YIQ	107.6780, 32.6010, -12.6390

Conversions

Conversions Part 2

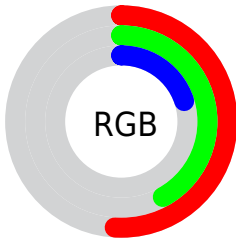
Format	Color
RYB	84, 131, 50
Decimal	8612658
CIELab	46.41, 2.36, 34.93
CIELCh	46, 35.011, 86.127
Yxy	15.5710, 0.4222, 0.4327
Android (android.graphics.Color)	4286802738 (0xFF836B32)
YUV	107.6780, -28.4353, 20.4534
Hunter-Lab	39.4601, -0.3265, 19.7753

Details

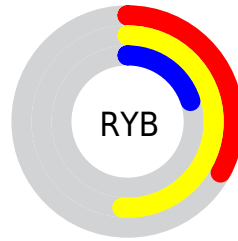
The Hex color **836B32** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **324A83**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **BA9E62**, and **4F3C02** is the 20% darker color. If you saturate the color by 10%, you get **836725**, and if you desaturate by 10%, it is **836F3F**.

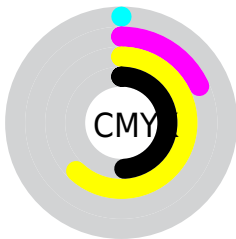
Distribution



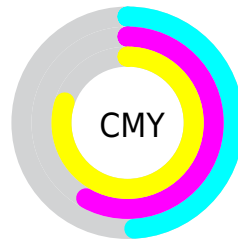
- Red (51%)
- Green (42%)
- Blue (20%)



- Red (33%)
- Yellow (51%)
- Blue (20%)



- Cyan (0%)
- Magenta (18%)
- Yellow (62%)
- Black (49%)



- Cyan (49%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836B32 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 836B32 by changing the saturation by 10% instead.



836B32



836B32

FFFFFF



68531B



BA9E62



4F3C02



D7B97C



362600



F4D596



1E1200



FFF1B1



000000



FFF9CD



FFF9E9



836B32



836B32



836725



836F3F

■ 836318

■ 83734C

■ 835F0B

■ 837759

■ 835C00

■ 837B66

■ 837E73

■ 838281

■ 83868E

■ 838A9B

■ 838EA8

Harmonies

Analogous

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



99603E



836B32



667437

Triad

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



836B32



007D87



8F5D8F

Complementary

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



836B32



324A83

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.



6A68A3



836B32



00799E

Square

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



836B32



007D69



3172A8



A25673

Rectangle

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



836B32



4F7844



3172A8



856097

Sweetspot

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



836B32



ABA18A



83324A



575143



D6D6D6



575757

Same Dimension

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



836B32



AB852C



738332



42403C



825C00



030200

Inverse Universe

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



324A83



2C52AB



423283



3C3E42



002782



000103

Previews

White Background



This preview shows how the Hex color 836B32 looks on a white background.

Color Contrast Check

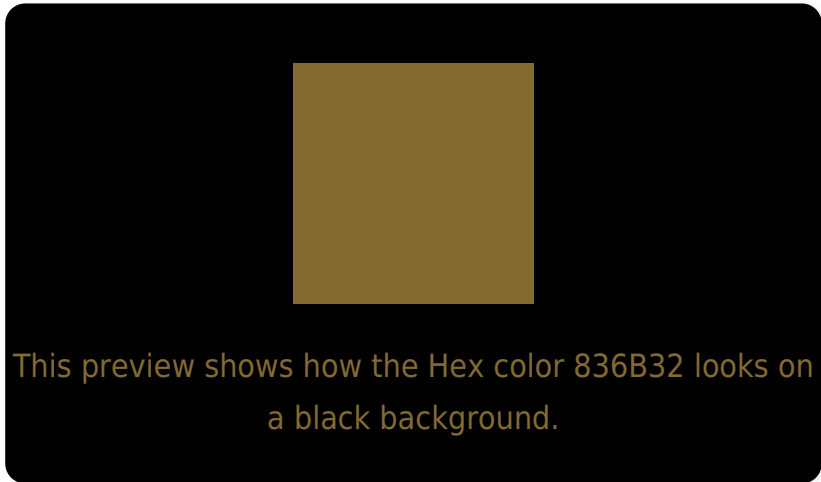
Large Text (above 18pt) WCAG AA ✓ Pass

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

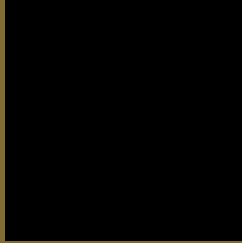
Any Text WCAG AA × Fail

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 836B32 Background



This preview shows how black text looks on a background with the Hex color 836B32.



This preview shows how white text looks on a background with the Hex color 836B32.

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
836B32

Protanopia
7A6E33

Deuteranopia
886933



Tritanopia
88656C

Trichromacy



Original Color
836B32

Protanomaly
7D6D33

Deuteranomaly
866A33

Tritanomaly
866757

Monochromacy



Original Color
836B32

Achromatopsia
6C6C6C

Achromatomaly
746C57

CSS Examples

Text

The CSS property to change the color of the text to Hex 836B32 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 #836B32 looks like.

```
.text, #text, p{  
    color:#836B32  
}
```

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 #836B32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836B32
}
```

Border

The CSS property to change the border of an element to Hex 836B32 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
#836B32 }
```

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

```
.border{ border-color:#836B32 }
```

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

Here you see how a box with a 4 pixel #836B32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836B32; -webkit-box-shadow:4px 4px  
4px 4px #836B32; box-shadow:4px 4px 4px  
4px #836B32 }
```

Background

The CSS property to change the background color of an element to Hex 836B32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836B32 }
```

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

```
.background{ background-color:#836B32 }
```

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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