

Converting Colors

Hex(836B34)

Have a look what the booklet for
Hex(836B34) contains.

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Color

Hex(836B34)

Conversions

Conversions Part 1

Format	Color
Hex	836B34
RGB	131, 107, 52
RGB Percent	51%, 42%, 20%
CMY	0.4863, 0.5804, 0.7961
CMYK	0.00, 0.18, 0.60, 0.49
HSL	42°, 43%, 36%
HSV	42°, 60%, 51%
XYZ	15.2376, 15.5886, 5.4546
YIQ	107.9060, 31.9590, -12.0170

Conversions

Conversions Part 2

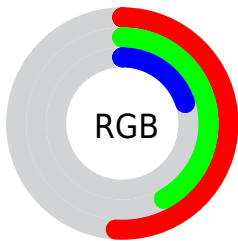
Format	Color
R_{YB}	86, 131, 52
Decimal	8612660
CIE Lab	46.43, 2.53, 33.91
CIE LCh	46, 34.004, 85.741
Yxy	15.5886, 0.4200, 0.4297
Android (android.graphics.Color)	4286802740 (0xFF836B34)
YUV	107.9060, -27.5617, 20.2534
Hunter-Lab	39.4824, -0.2051, 19.4466

Details

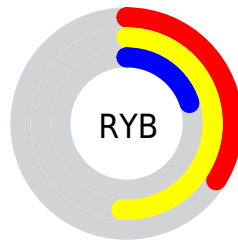
The Hex color **836B34** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **344C83**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **BA9E64**, and **4F3C04** is the 20% darker color. If you saturate the color by 10%, you get **836727**, and if you desaturate by 10%, it is **836F41**.

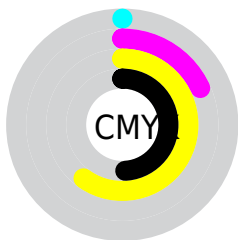
Distribution



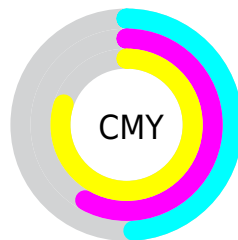
- Red (51%)
- Green (42%)
- Blue (20%)



- Red (34%)
- Yellow (51%)
- Blue (20%)



- Cyan (0%)
- Magenta (18%)
- Yellow (60%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 836B34 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 836B34 by changing the saturation by 10% instead.



836B34



836B34

FFFFFF



69531D



BA9E64



4F3C04



D7B97E



362600



F4D598



1E1200



FFF1B3



000000



FFFFCF



FFFFEB



836B34



836B34



836727



836F41

■ 83631A

■ 83734E

■ 835F0D

■ 83775B

■ 835B00

■ 837B68

■ 837F76

■ 838383

■ 838790

■ 838B9D

■ 838FAA

Harmonies

Analogous

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



996140



836B34



677439

Triad

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



836B34



007C86



8E5D8E

Complementary

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



836B34



344C83

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.



6A68A1



836B34



00799C

Square

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



836B34



077C69



3472A7



A15773

Rectangle

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



836B34



517845



3472A7



846196

Sweetspot

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



836B34



ABA28C



83344D



575144



D6D6D6



575757

Same Dimension

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



836B34



AB8530



758334



42403C



825B00



030200

Inverse Universe

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



344C83



3055AB



423483



3C3E42



002882



000103

Previews

White Background



This preview shows how the Hex color 836B34 looks on a white background.

Color Contrast Check

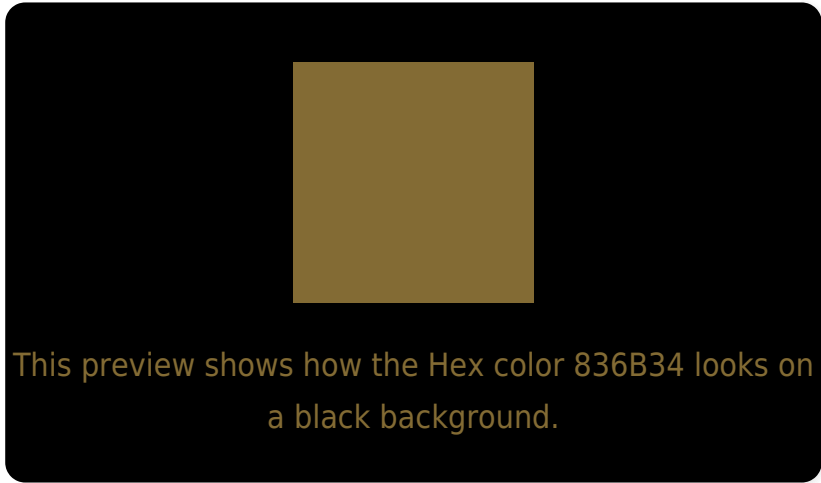
Large Text (above 18pt) WCAG AA ✓ Pass

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 836B34 Background



This preview shows how black text looks on a background with the Hex color 836B34.



This preview shows how white text looks on a background with the Hex color 836B34.

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
836B34

Protanopia
7A6E35

Deuteranopia
886935



Tritanopia
88656D

Trichromacy



Original Color
836B34

Protanomaly
7D6D35

Deuteranomaly
866A35

Tritanomaly
866758

Monochromacy



Original Color
836B34

Achromatopsia
6C6C6C

Achromatomaly
746C58

CSS Examples

Text

The CSS property to change the color of the text to Hex 836B34 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 #836B34 looks like.

```
.text, #text, p{  
    color:#836B34  
}
```

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 #836B34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836B34
}
```

Border

The CSS property to change the border of an element to Hex 836B34 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
#836B34 }
```

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

```
.border{ border-color:#836B34 }
```

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

Here you see how a box with a 4 pixel #836B34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836B34; -webkit-box-shadow:4px 4px  
4px 4px #836B34; box-shadow:4px 4px 4px  
4px #836B34 }
```

Background

The CSS property to change the background color of an element to Hex 836B34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836B34 }
```

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

```
.background{ background-color:#836B34 }
```

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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