

Converting Colors

Hex(836038)

Have a look what the booklet for
Hex(836038) contains.

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Color

Hex(836038)

Conversions

Conversions Part 1

Format	Color
Hex	836038
RGB	131, 96, 56
RGB Percent	51%, 38%, 22%
CMY	0.4863, 0.6235, 0.7804
CMYK	0.00, 0.27, 0.57, 0.49
HSL	32°, 40%, 37%
HSV	32°, 57%, 51%
XYZ	14.2568, 13.4766, 5.5912
YIQ	101.9050, 33.7000, -5.0200

Conversions

Conversions Part 2

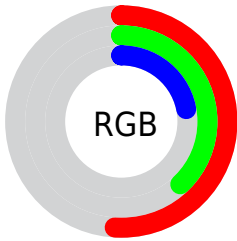
Format	Color
RYB	122, 131, 56
Decimal	8609848
CIELab	43.47, 9.31, 28.20
CIElCh	43, 29.700, 71.721
Yxy	13.4766, 0.4278, 0.4044
Android (android.graphics.Color)	4286799928 (0xFF836038)
YUV	101.9050, -22.6312, 25.5163
Hunter-Lab	36.7104, 5.0785, 16.6671

Details

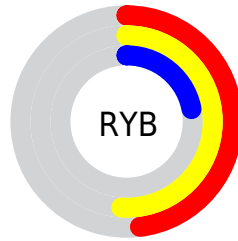
The Hex color **836038** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **385B83**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **BA9268**, and **4F320B** is the 20% darker color. If you saturate the color by 10%, you get **835A2B**, and if you desaturate by 10%, it is **836645**.

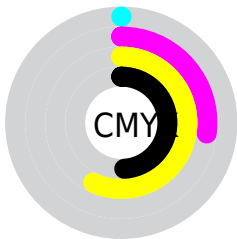
Distribution



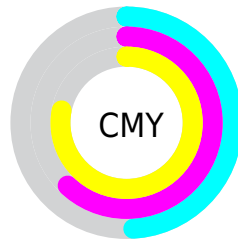
- Red (51%)
- Green (38%)
- Blue (22%)



- Red (48%)
- Yellow (51%)
- Blue (22%)



- Cyan (0%)
- Magenta (27%)
- Yellow (57%)
- Black (49%)



- Cyan (49%)
- Magenta (62%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836038 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 836038 by changing the saturation by 10% instead.



836038



836038

FFFFFF



684822



BA9268



4F320B



D7AD81



361D00



F4C89C



1E0500



FFE4B7



000000



FFFFD2



FFFFEF



836038



836038



835A2B



836645

■ 83541E

■ 836C52

■ 834E11

■ 83725F

■ 834804

■ 83786C

■ 834600

■ 837F7A

■ 838587

■ 838B94

■ 8391A1

■ 8397AE

Harmonies

Analogous

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



925847



836038



6D6835

Triad

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



836038



007470



765D8C

Complementary

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



836038



385B83

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.



516697



836038



007287

Square

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



836038



317356



1E6D95



8D5577

Rectangle

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



836038



5B6D3C



1E6D95



6B6091

Sweetspot

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



836038



AB9D8E



83385B



574F45



D6D6D6



575757

Same Dimension

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



836038



AB7435



818338



423F3C



824500



030100

Inverse Universe

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



385B83



356CAB



3B3883



3C3F42



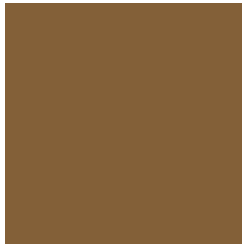
003D82



000103

Previews

White Background



This preview shows how the Hex color 836038 looks on a white background.

Color Contrast Check

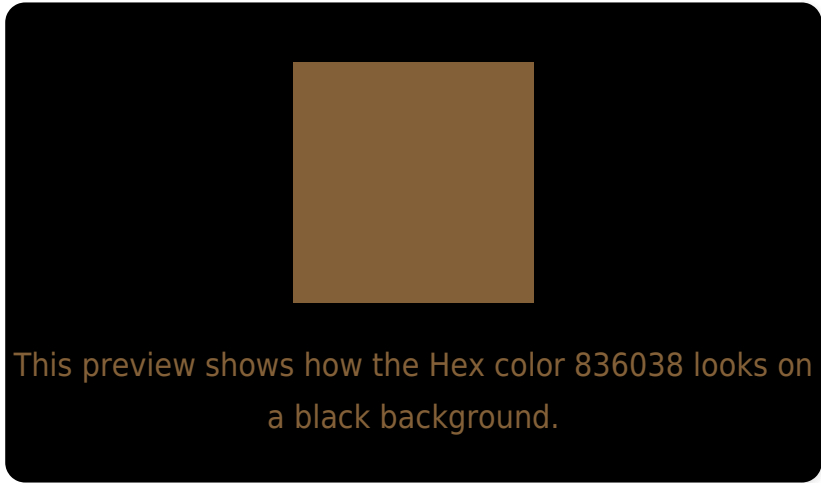
Large Text (above 18pt) WCAG AA ✓ Pass

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 836038 Background



This preview shows how black text looks on a background with the Hex color 836038.



This preview shows how white text looks on a background with the Hex color 836038.

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
836038

Protanopia
71673A

Deuteranopia
7E6238



Tritanopia
865B62

Trichromacy



Original Color
836038

Protanomaly
786439

Deuteranomaly
806138

Tritanomaly
855D53

Monochromacy



Original Color
836038

Achromatopsia
666666

Achromatomaly
716455

CSS Examples

Text

The CSS property to change the color of the text to Hex 836038 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 #836038 looks like.

```
.text, #text, p{  
    color:#836038  
}
```

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 #836038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836038
}
```

Border

The CSS property to change the border of an element to Hex 836038 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
#836038 }
```

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

```
.border{ border-color:#836038 }
```

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

Here you see how a box with a 4 pixel #836038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836038; -webkit-box-shadow:4px 4px  
4px 4px #836038; box-shadow:4px 4px 4px  
4px #836038 }
```

Background

The CSS property to change the background color of an element to Hex 836038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836038 }
```

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

```
.background{ background-color:#836038 }
```

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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