

Converting Colors

Hex(837029)

Have a look what the booklet for
Hex(837029) contains.

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Color

Hex(837029)

Conversions

Conversions Part 1

Format	Color
Hex	837029
RGB	131, 112, 41
RGB Percent	51%, 44%, 16%
CMY	0.4863, 0.5608, 0.8392
CMYK	0.00, 0.15, 0.69, 0.49
HSL	47°, 52%, 34%
HSV	47°, 69%, 51%
XYZ	15.5545, 16.5737, 4.4771
YIQ	109.5870, 34.1150, -18.0530

Conversions

Conversions Part 2

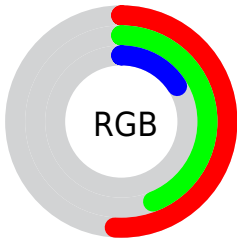
Format	Color
RYB	65, 131, 41
Decimal	8613929
CIELab	47.72, -1.16, 40.83
CIElCh	48, 40.845, 91.624
Yxy	16.5737, 0.4249, 0.4528
Android (android.graphics.Color)	4286804009 (0xFF837029)
YUV	109.5870, -33.8134, 18.7792
Hunter-Lab	40.7108, -3.0441, 21.9773

Details

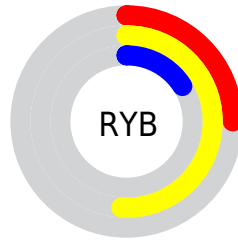
The Hex color **837029** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **293C83**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **BAA35A**, and **4E4100** is the 20% darker color. If you saturate the color by 10%, you get **836D1C**, and if you desaturate by 10%, it is **837336**.

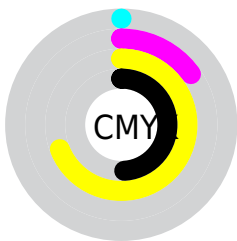
Distribution



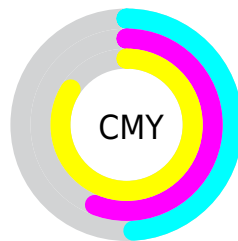
- Red (51%)
- Green (44%)
- Blue (16%)



- Red (25%)
- Yellow (51%)
- Blue (16%)



- Cyan (0%)
- Magenta (15%)
- Yellow (69%)
- Black (49%)



- Cyan (49%)
- Magenta (56%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837029 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 837029 by changing the saturation by 10% instead.



837029



837029

FFFFFF



68580F



BAA35A



4E4100



D7BE74



352B00



F4DA8E



1D1700



FFF7A9



000000



FFFFC4



FFFFE1

FFFFFFE



837029



837029

■ 836D1C

■ 837336

■ 836A0F

■ 837643

■ 836802

■ 837850

■ 836700

■ 837B5D

■ 837E6A

■ 838178

■ 838385

■ 838692

■ 83899F

Harmonies

Analogous

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



9F6335



837029



607A34

Triad

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



837029



008294



9D5A93

Complementary

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



837029



293C83

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.



7567AC



837029



007DAD

Square

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



837029



008272



3074B6



B05371

Rectangle

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



837029



437E45



3074B6



925E9C

Sweetspot

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



837029



ABA387



83293D



575241



D6D6D6



575757

Same Dimension

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



837029



AB8D1F



6A8329



42413C



826700



030200

Inverse Universe

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



293C83



1F3CAB



422983



3C3D42



001B82



000103

Previews

White Background



This preview shows how the Hex color 837029 looks on a white background.

Color Contrast Check

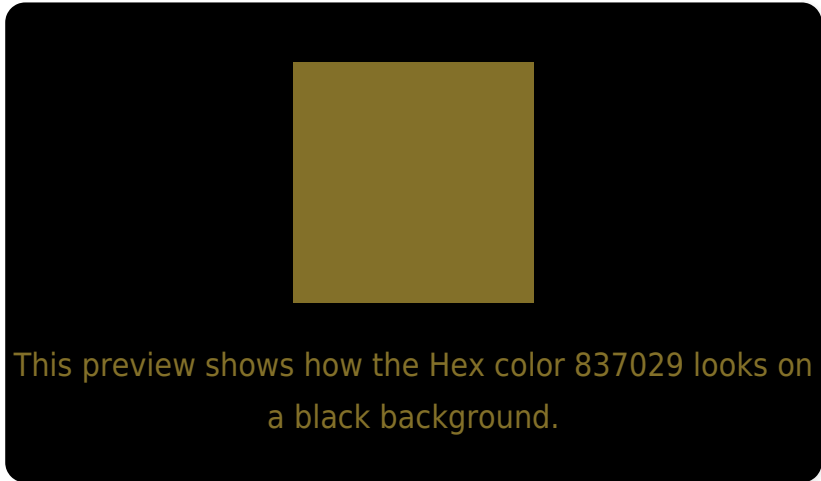
Large Text (above 18pt) WCAG AA ✓ Pass

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

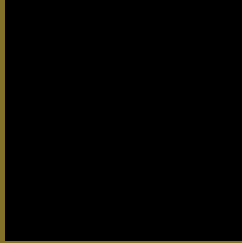
Any Text WCAG AA × Fail

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 837029 Background



This preview shows how black text looks on a background with the Hex color 837029.



This preview shows how white text looks on a background with the Hex color 837029.

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
837029

Protanopia
7F7229

Deuteranopia
8D6C2A



Tritanopia
896971

Trichromacy



Original Color
837029

Protanomaly
807129

Deuteranomaly
896D2A

Tritanomaly
876C57

Monochromacy



Original Color
837029

Achromatopsia
6E6E6E

Achromatomaly
766F55

CSS Examples

Text

The CSS property to change the color of the text to Hex 837029 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 #837029 looks like.

```
.text, #text, p{  
    color:#837029  
}
```

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 #837029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837029
}
```

Border

The CSS property to change the border of an element to Hex 837029 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
#837029 }
```

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

```
.border{ border-color:#837029 }
```

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

Here you see how a box with a 4 pixel #837029 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837029; -webkit-box-shadow:4px 4px  
4px 4px #837029; box-shadow:4px 4px 4px  
4px #837029 }
```

Background

The CSS property to change the background color of an element to Hex 837029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837029 }
```

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

```
.background{ background-color:#837029 }
```

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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