

Converting Colors

Hex(836113)

Have a look what the booklet for
Hex(836113) contains.

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Color

Hex(836113)

Conversions

Conversions Part 1

Format	Color
Hex	836113
RGB	131, 97, 19
RGB Percent	51%, 38%, 7%
CMY	0.4863, 0.6196, 0.9255
CMYK	0.00, 0.26, 0.85, 0.49
HSL	42°, 75%, 29%
HSV	42°, 85%, 51%
XYZ	13.7523, 13.4217, 2.4819
YIQ	98.2740, 45.3020, -17.0500

Conversions

Conversions Part 2

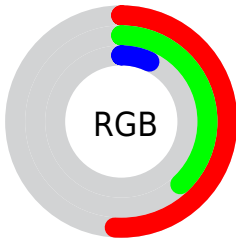
Format	Color
RYB	68, 131, 19
Decimal	8610067
CIELab	43.39, 6.49, 45.69
CIElCh	43, 46.151, 81.913
Yxy	13.4217, 0.4637, 0.4526
Android (android.graphics.Color)	4286800147 (0xFF836113)
YUV	98.2740, -39.0821, 28.7007
Hunter-Lab	36.6356, 2.8931, 21.6283

Details

The Hex color **836113** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **133583**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **BC9346**, and **4D3300** is the 20% darker color. If you saturate the color by 10%, you get **835D06**, and if you desaturate by 10%, it is **836520**.

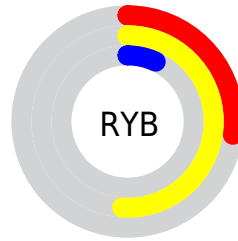
Distribution



Red (51%)

Green (38%)

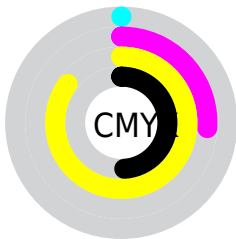
Blue (7%)



Red (27%)

Yellow (51%)

Blue (7%)

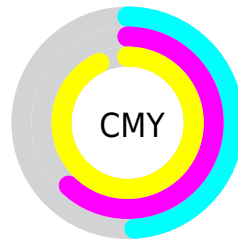


Cyan (0%)

Magenta (26%)

Yellow (85%)

Black (49%)



Cyan (49%)

Magenta (62%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836113 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 836113 by changing the saturation by 10% instead.

 836113

 836113

FFFFFF

 684900

 BC9346

 4D3300

 D9AE5F

 331E00

 F6C979

 1B0700

 FFE594

 000000

 FFFFAF

 FFFF CB

 FFFF E7

 836113

 836113

■ 835D06

■ 836520

■ 835B00

■ 83692D

■ 836D3A

■ 837147

■ 837555

■ 837962

■ 837D6F

■ 83817C

■ 838589

Harmonies

Analogous

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



9E522B



836113



5F6D17

Triad

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



836113



007982



8B5096

Complementary

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



836113



133583

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.



5461AE



836113



0076A2

Square

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



836113



00785B



006EB2



A64373

Rectangle

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



836113



41722A



006EB2



7C56A0

Sweetspot

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



836113



AB9D7E



831336



574F3C



D6D6D6



575757

Same Dimension

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



836113



AB7700



6E8313



42403C



825B00



030200

Inverse Universe

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



133583



0034AB



281383



3C3E42



002782



000103

Previews

White Background



This preview shows how the Hex color 836113 looks on a white background.

Color Contrast Check

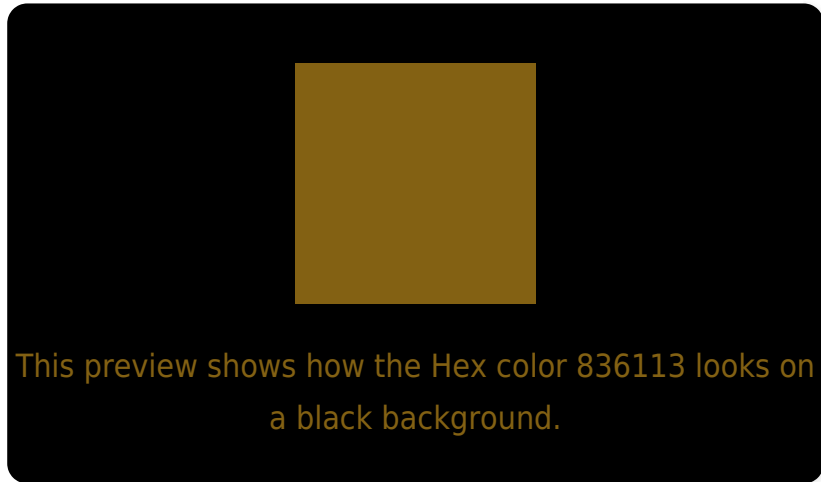
Large Text (above 18pt) WCAG AA ✓ Pass

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 836113 Background



This preview shows how black text looks on a background with the Hex color 836113.



This preview shows how white text looks on a background with the Hex color 836113.

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
836113

Protanopia
746715

Deuteranopia
826213



Tritanopia
875A61

Trichromacy



Original Color
836113

Protanomaly
796514

Deuteranomaly
826213

Tritanomaly
865D45

Monochromacy



Original Color
836113

Achromatopsia
626262

Achromatomaly
6E6245

CSS Examples

Text

The CSS property to change the color of the text to Hex 836113 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 #836113 looks like.

```
.text, #text, p{  
    color:#836113  
}
```

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 #836113 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836113
}
```

Border

The CSS property to change the border of an element to Hex 836113 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
#836113 }
```

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

```
.border{ border-color:#836113 }
```

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

Here you see how a box with a 4 pixel #836113 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836113; -webkit-box-shadow:4px 4px  
4px 4px #836113; box-shadow:4px 4px 4px  
4px #836113 }
```

Background

The CSS property to change the background color of an element to Hex 836113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836113 }
```

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

```
.background{ background-color:#836113 }
```

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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