

# Converting Colors

Hex(808836)

Have a look what the booklet for  
Hex(808836) contains.

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**Color**

**Hex(808836)**

# Conversions

## Conversions Part 1

Format	Color
Hex	808836
RGB	128, 136, 54
RGB Percent	50%, 53%, 21%
CMY	0.4980, 0.4667, 0.7882
CMYK	0.06, 0.00, 0.60, 0.47
HSL	66°, 43%, 37%
HSV	66°, 60%, 53%
XYZ	18.3721, 22.4639, 6.8577
YIQ	124.2600, 21.5540, -27.1980

# Conversions

## Conversions Part 2

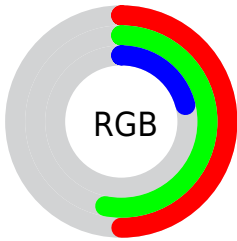
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 136, 62
Decimal	8423478
CIELab	54.52, -14.85, 42.01
CIElCh	55, 44.553, 109.470
Yxy	22.4639, 0.3852, 0.4710
Android (android.graphics.Color)	4286613558 (0xFF808836)
YUV	124.2600, -34.6382, 3.2800
Hunter-Lab	47.3960, -13.7512, 24.5986

# Details

The Hex color **808836** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3E3688**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B7BD68**, and **4C5600** is the 20% darker color. If you saturate the color by 10%, you get **7F8828**, and if you desaturate by 10%, it is **818844**.

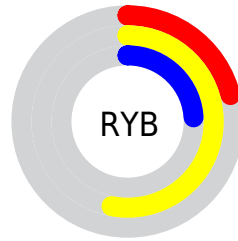
# Distribution



Red (50%)

Green (53%)

Blue (21%)



Red (21%)

Yellow (53%)

Blue (24%)

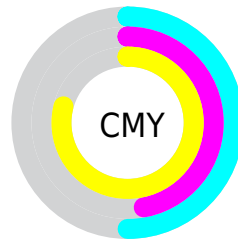


Cyan (6%)

Magenta (0%)

Yellow (60%)

Black (47%)



Cyan (50%)

Magenta (47%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 808836 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 808836 by changing the saturation by 10% instead.



 808836

 808836

FFFFFF

 666F1D

 B7BD68

 4C5600

 D3D982

 343F00

 F0F59D

 1B2900

 FFFFB8

 001600

 FFFFD4

 000000

 FFFFF1

 808836

 808836

 7F8828

 818844

 7D881B

 838851

 7C880D

 84885F

 7B8800

 85886C

 87887A

 888888

 898895

 8B88A3

 8C88B0

# Harmonies

## Analogous

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



A47C34



808836



53904E

# Triad

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



808836



0092BC



C36392

# Complementary

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



808836



3E3688

# 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.



A46EB5



808836



008BCE

# Square

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



808836



00969B



6E7ECB



CA626B

# Rectangle

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



808836



259466



6E7ECB



BB669E



# Sweetspot

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



808836



ADB090



883D36



575946



D9D9D9



595959



# Same Dimension

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



808836



A4B031



588836



44453E



788500



050500



# Inverse Universe

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



3E3688



3E31B0



663688



3F3E45



0D0085



000005



# Previews

## White Background



This preview shows how the Hex color 808836 looks on a white background.

## Color Contrast Check

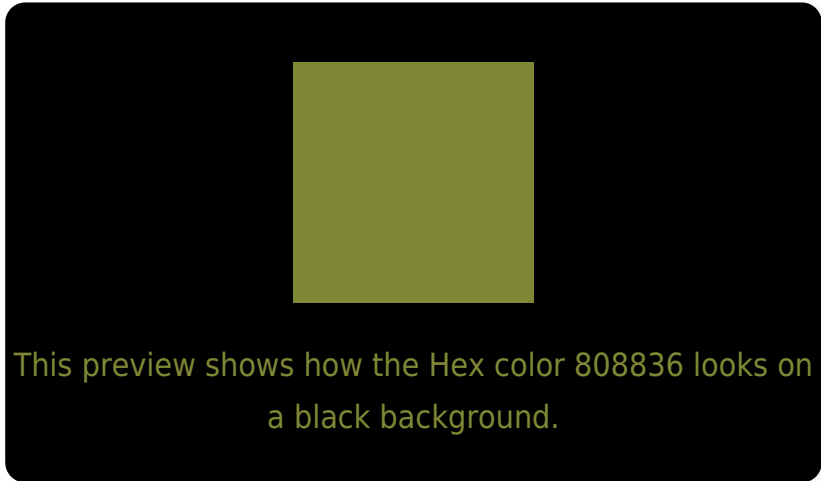
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

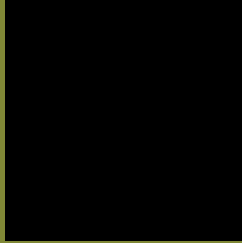
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 808836 Background



This preview shows how black text looks on a background with the Hex color 808836.



This preview shows how white text looks on a background with the Hex color 808836.

# 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**  
808836

**Protanopia**  
918234

**Deuteranopia**  
A17C3A



**Tritanopia**  
89808A

# Trichromacy



**Original Color**  
808836

**Protanomaly**  
8B8435

**Deuteranomaly**  
958039

**Tritanomaly**  
86836B

# Monochromacy



**Original Color**  
808836

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
7D8063

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 808836 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 #808836 looks like.

```
.text, #text, p{  
    color:#808836  
}
```

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 #808836 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808836
}
```

## Border

The CSS property to change the border of an element to Hex 808836 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
#808836 }
```

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

```
.border{ border-color:#808836 }
```

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

Here you see how a box with a 4 pixel #808836 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808836; -webkit-box-shadow:4px 4px  
4px 4px #808836; box-shadow:4px 4px 4px  
4px #808836 }
```

# Background

The CSS property to change the background color of an element to Hex 808836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808836 }
```

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

```
.background{ background-color:#808836 }
```

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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