

# Converting Colors

Hex(836212)

Have a look what the booklet for  
Hex(836212) contains.

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**Color**

**Hex(836212)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	836212
RGB	131, 98, 18
RGB Percent	51%, 38%, 7%
CMY	0.4863, 0.6157, 0.9294
CMYK	0.00, 0.25, 0.86, 0.49
HSL	42°, 76%, 29%
HSV	42°, 86%, 51%
XYZ	13.8369, 13.6043, 2.4689
YIQ	98.7470, 45.3480, -17.8840

# Conversions

## Conversions Part 2

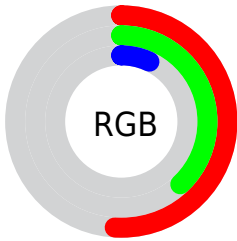
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 131, 18
Decimal	8610322
CIELab	43.66, 5.87, 46.25
CIElCh	44, 46.626, 82.763
Yxy	13.6043, 0.4626, 0.4548
Android (android.graphics.Color)	4286800402 (0xFF836212)
YUV	98.7470, -39.8083, 28.2859
Hunter-Lab	36.8841, 2.4166, 21.8502

# Details

The Hex color **836212** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **123383**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **BC9446**, and **4D3400** is the 20% darker color. If you saturate the color by 10%, you get **835E05**, and if you desaturate by 10%, it is **83661F**.

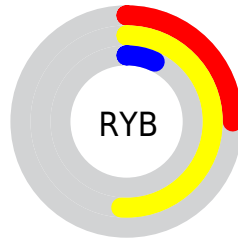
# Distribution



Red (51%)

Green (38%)

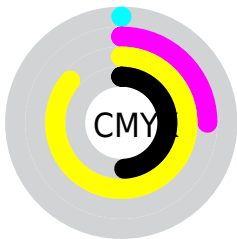
Blue (7%)



Red (25%)

Yellow (51%)

Blue (7%)

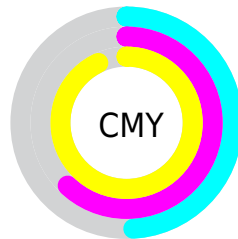


Cyan (0%)

Magenta (25%)

Yellow (86%)

Black (49%)



Cyan (49%)

Magenta (62%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 836212 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 836212 by changing the saturation by 10% instead.



 836212

 836212

FFFFFF

 684A00

 BC9446

 4D3400

 D9AF5F

 331F00

 F6CA79

 1B0800

 FFE693

 000000

 FFFF8F

 FFFF8A

 FFFF83

 836212

 836212

■ 835E05

■ 83661F

■ 835D00

■ 836A2C

■ 836D39

■ 837146

■ 837553

■ 837961

■ 837D6E

■ 83817B

■ 838488

# Harmonies

## Analogous

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



9E532A



836212



5F6E18

# Triad

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



836212



007984



8D5096

# Complementary

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



836212



123383

# 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.



5661AF



836212



0076A4

# Square

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



836212



00795C



006EB4



A84372

# Rectangle

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



836212



40732A



006EB4



7E56A0



# Sweetspot

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



836212



AB9E7E



831234



574F3C



D6D6D6



575757



# Same Dimension

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



836212



AB7900



6C8312



42403C



825C00



030200



# Inverse Universe

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



123383



0032AB



291283



3C3E42



002682

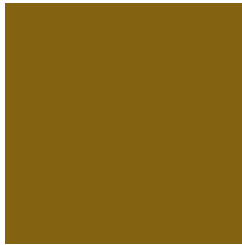


000103



# Previews

## White Background



This preview shows how the Hex color 836212 looks on a white background.

## Color Contrast Check

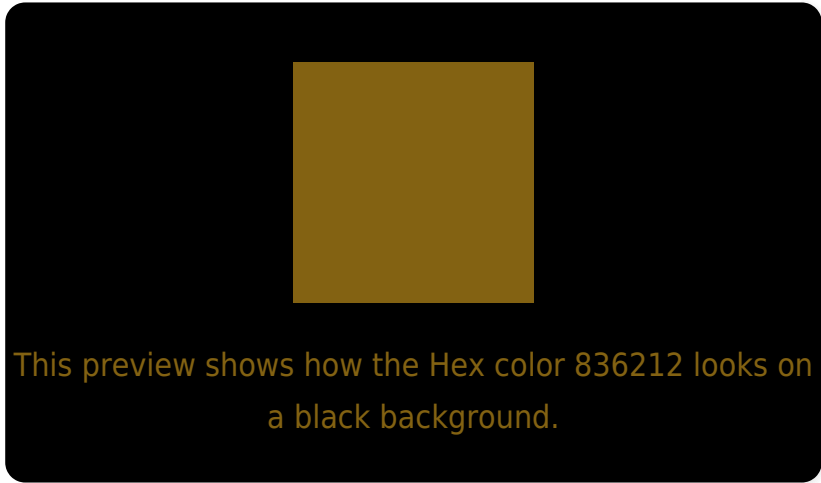
Large Text (above 18pt) WCAG AA ✓ Pass

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 836212 Background



This preview shows how black text looks on a background with the Hex color 836212.



This preview shows how white text looks on a background with the Hex color 836212.

# 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**  
836212

**Protanopia**  
756814

**Deuteranopia**  
836212



**Tritanopia**  
885B62

# Trichromacy



**Original Color**  
836212

**Protanomaly**  
7A6613

**Deuteranomaly**  
836212

**Tritanomaly**  
865E45

# Monochromacy



**Original Color**  
836212

**Achromatopsia**  
636363

**Achromatomaly**  
6F6346

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 836212 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 #836212 looks like.

```
.text, #text, p{  
    color:#836212  
}
```

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 #836212 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836212
}
```

## Border

The CSS property to change the border of an element to Hex 836212 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
#836212 }
```

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

```
.border{ border-color:#836212 }
```

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

Here you see how a box with a 4 pixel #836212 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836212; -webkit-box-shadow:4px 4px  
4px 4px #836212; box-shadow:4px 4px 4px  
4px #836212 }
```

# Background

The CSS property to change the background color of an element to Hex 836212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836212 }
```

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

```
.background{ background-color:#836212 }
```

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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