

# Converting Colors

Hex(836414)

Have a look what the booklet for  
Hex(836414) contains.

<b>Hex(836414)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(836414)**

# Conversions

## Conversions Part 1

Format	Color
Hex	836414
RGB	131, 100, 20
RGB Percent	51%, 39%, 8%
CMY	0.4863, 0.6078, 0.9216
CMYK	0.00, 0.24, 0.85, 0.49
HSL	43°, 74%, 30%
HSV	43°, 85%, 51%
XYZ	14.0435, 13.9901, 2.6220
YIQ	100.1490, 44.1560, -18.3080

# Conversions

## Conversions Part 2

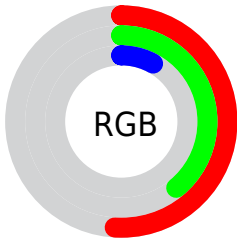
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 131, 20
Decimal	8610836
CIELab	44.22, 4.77, 46.07
CIELCh	44, 46.317, 84.092
Yxy	13.9901, 0.4581, 0.4564
Android (android.graphics.Color)	4286800916 (0xFF836414)
YUV	100.1490, -39.5135, 27.0563
Hunter-Lab	37.4034, 1.5638, 22.0261

# Details

The Hex color **836414** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **143383**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **BB9747**, and **4D3600** is the 20% darker color. If you saturate the color by 10%, you get **836007**, and if you desaturate by 10%, it is **836821**.

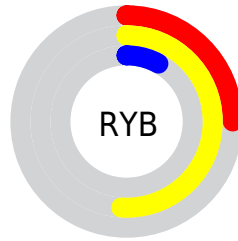
# Distribution



Red (51%)

Green (39%)

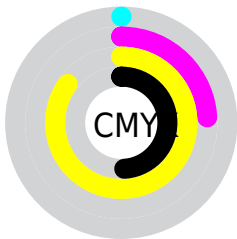
Blue (8%)



Red (25%)

Yellow (51%)

Blue (8%)

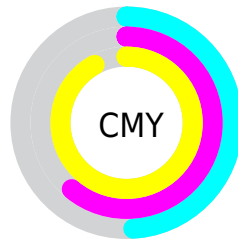


Cyan (0%)

Magenta (24%)

Yellow (85%)

Black (49%)



Cyan (49%)

Magenta (61%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 836414 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 836414 by changing the saturation by 10% instead.





836414



836414

FFFFFF



684C00



BB9747



4D3600



D9B161



332100



F6CD7B



1B0B00



FFE995



000000



FFFFB0



FFFACC



FFFFE9



836414



836414

■ 836007

■ 836821

■ 835E00

■ 836B2E

■ 836F3B

■ 837348

■ 837656

■ 837A63

■ 837E70

■ 83817D

■ 83858A

# Harmonies

## Analogous

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



9F552A



836414



5E701B

# Triad

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



836414



007B87



905196

# Complementary

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



836414



143383

# 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.



5B62AF



836414



0077A6

# Square

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



836414



007A5F



006FB5



AA4572

# Rectangle

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



836414



40752E



006FB5



8256A0



# Sweetspot

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



836414



AB9F80



831433



574F3D



D6D6D6



575757



# Same Dimension

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



836414



AB7B00



6B8314



42403C



825E00



030200



# Inverse Universe

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



143383



0030AB



2C1483



3C3E42



002482

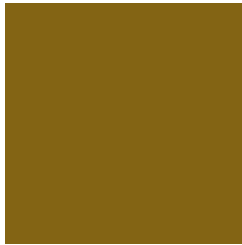


000103



# Previews

## White Background



This preview shows how the Hex color 836414 looks on a white background.

## Color Contrast Check

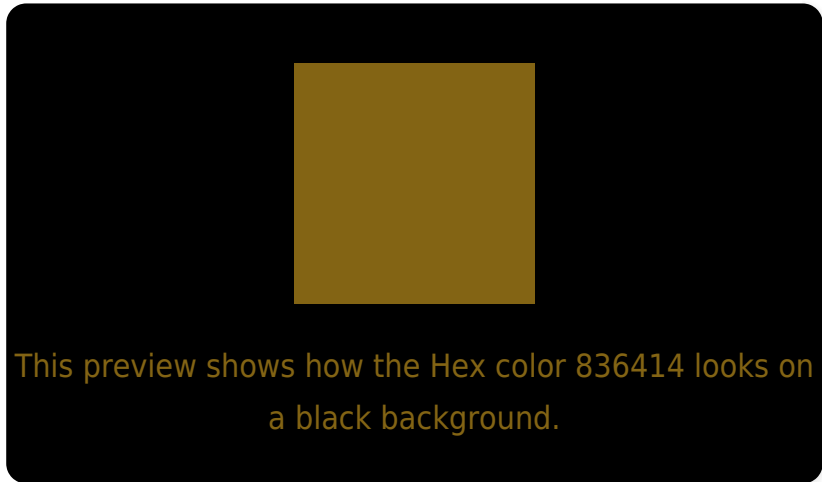
Large Text (above 18pt) WCAG AA ✓ Pass

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 836414 Background



This preview shows how black text looks on a background with the Hex color 836414.



This preview shows how white text looks on a background with the Hex color 836414.

# 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**  
836414

**Protanopia**  
766915

**Deuteranopia**  
846314



**Tritanopia**  
885D64

# Trichromacy



**Original Color**  
836414

**Protanomaly**  
7B6715

**Deuteranomaly**  
846314

**Tritanomaly**  
866047

# Monochromacy



**Original Color**  
836414

**Achromatopsia**  
646464

**Achromatomaly**  
6F6447

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 836414 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 #836414 looks like.

```
.text, #text, p{  
    color:#836414  
}
```

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 #836414 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836414
}
```

## Border

The CSS property to change the border of an element to Hex 836414 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
#836414 }
```

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

```
.border{ border-color:#836414 }
```

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

Here you see how a box with a 4 pixel #836414 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836414; -webkit-box-shadow:4px 4px  
4px 4px #836414; box-shadow:4px 4px 4px  
4px #836414 }
```

# Background

The CSS property to change the background color of an element to Hex 836414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836414 }
```

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

```
.background{ background-color:#836414 }
```

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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