

Converting Colors

Hex(838216)

Have a look what the booklet for
Hex(838216) contains.

Hex(838216)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(838216)

Conversions

Conversions Part 1

Format	Color
Hex	838216
RGB	131, 130, 22
RGB Percent	51%, 51%, 9%
CMY	0.4863, 0.4902, 0.9137
CMYK	0.00, 0.01, 0.83, 0.49
HSL	59°, 71%, 30%
HSV	59°, 83%, 51%
XYZ	17.4875, 20.8485, 3.8615
YIQ	117.9870, 35.2640, -33.3760

Conversions

Conversions Part 2

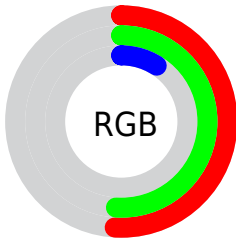
Format	Color
R_{YB}	23, 131, 22
Decimal	8618518
CIE Lab	52.78, -12.10, 52.88
CIE LCh	53, 54.249, 102.887
Yxy	20.8485, 0.4144, 0.4941
Android (android.graphics.Color)	4286808598 (0xFF838216)
YUV	117.9870, -47.3216, 11.4124
Hunter-Lab	45.6601, -11.5410, 26.9479

Details

The Hex color **838216** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **161783**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **BBB74D**, and **4E5100** is the 20% darker color. If you saturate the color by 10%, you get **838209**, and if you desaturate by 10%, it is **838223**.

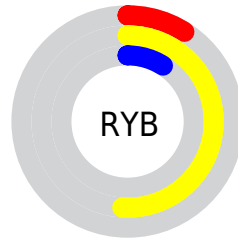
Distribution



Red (51%)

Green (51%)

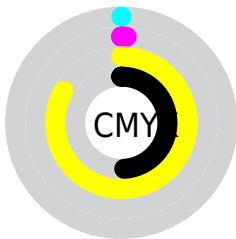
Blue (9%)



Red (9%)

Yellow (51%)

Blue (9%)

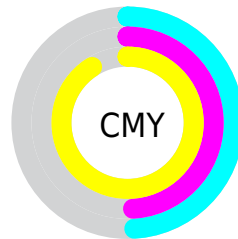


Cyan (0%)

Magenta (1%)

Yellow (83%)

Black (49%)



Cyan (49%)

Magenta (49%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 838216 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 838216 by changing the saturation by 10% instead.



838216



838216

FFFFFF



686900



BBB74D



4E5100



D8D267



343A00



F5EE82



1B2500



FFFF9D



001100



FFFFB9



000000



FFFFD5



FFFFF2



838216



838216

■ 838209

■ 838223

■ 838200

■ 838230

■ 83823D

■ 83824A

■ 838358

■ 838365

■ 838372

■ 83837F

■ 83838C

Harmonies

Analogous

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



AC721E



838216



4E8D35

Triad

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



838216



0092BC



C5569B

Complementary

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



838216



161783

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.



9A69C3



838216



008BD7

Square

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



838216



009491



467CD9



D3526C

Rectangle

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



838216



009151



467CD9



BA5BA9

Sweetspot

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



838216



ABAA80



831618



57563D



D6D6D6



575757

Same Dimension

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



838216



ABA900



4E8316



42423C



828100



030300

Inverse Universe

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



161783



0002AB



4B1683



3C3C42



000182



000003

Previews

White Background



This preview shows how the Hex color 838216 looks on a white background.

Color Contrast Check

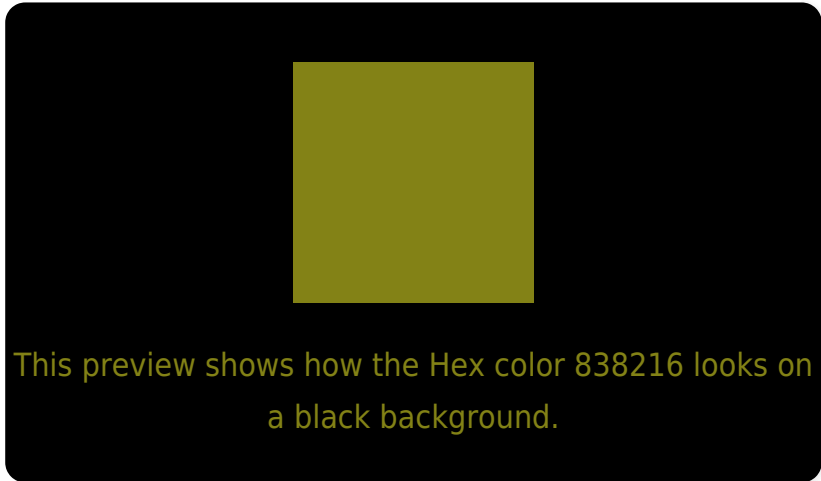
Large Text (above 18pt) WCAG AA ✓ Pass

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

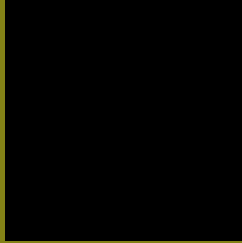
Any Text WCAG AA ✓ Pass

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 838216 Background



This preview shows how black text looks on a background with the Hex color 838216.



This preview shows how white text looks on a background with the Hex color 838216.

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
838216

Protanopia
8E7E15

Deuteranopia
9F781D



Tritanopia
8B7982

Trichromacy



Original Color
838216

Protanomaly
8A7F15

Deuteranomaly
957C1A

Tritanomaly
887C5B

Monochromacy



Original Color
838216

Achromatopsia
767676

Achromatomaly
7B7A53

CSS Examples

Text

The CSS property to change the color of the text to Hex 838216 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 #838216 looks like.

```
.text, #text, p{  
    color:#838216  
}
```

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 #838216 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838216
}
```

Border

The CSS property to change the border of an element to Hex 838216 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
#838216 }
```

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

```
.border{ border-color:#838216 }
```

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

Here you see how a box with a 4 pixel #838216 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838216; -webkit-box-shadow:4px 4px  
4px 4px #838216; box-shadow:4px 4px 4px  
4px #838216 }
```

Background

The CSS property to change the background color of an element to Hex 838216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838216 }
```

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

```
.background{ background-color:#838216 }
```

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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