

# Converting Colors

Hex(8B8412)

Have a look what the booklet for  
Hex(8B8412) contains.

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**Color**

**Hex(8B8412)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B8412
RGB	139, 132, 18
RGB Percent	55%, 52%, 7%
CMY	0.4549, 0.4824, 0.9294
CMYK	0.00, 0.05, 0.87, 0.45
HSL	57°, 77%, 31%
HSV	57°, 87%, 55%
XYZ	19.0079, 22.0352, 3.8237
YIQ	121.0970, 40.7660, -33.9700

# Conversions

## Conversions Part 2

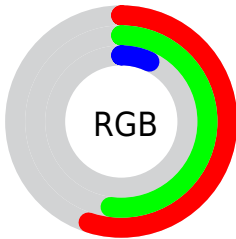
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	25, 139, 18
Decimal	9143314
CIE Lab	54.06, -9.61, 55.31
CIE LCh	54, 56.135, 99.854
Yxy	22.0352, 0.4237, 0.4911
Android (android.graphics.Color)	4287333394 (0xFF8B8412)
YUV	121.0970, -50.8268, 15.7009
Hunter-Lab	46.9416, -9.8685, 28.0296

# Details

The Hex color **8B8412** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **12198B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **C4B94B**, and **555300** is the 20% darker color. If you saturate the color by 10%, you get **8B8304**, and if you desaturate by 10%, it is **8B8520**.

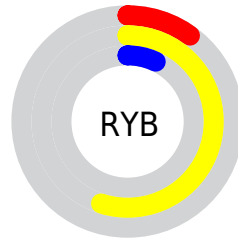
# Distribution



Red (55%)

Green (52%)

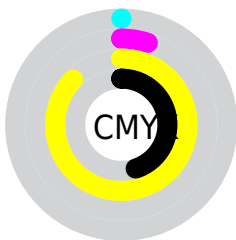
Blue (7%)



Red (10%)

Yellow (55%)

Blue (7%)

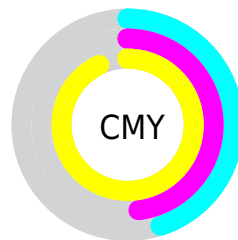


Cyan (0%)

Magenta (5%)

Yellow (87%)

Black (45%)



Cyan (45%)

Magenta (48%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B8412 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 8B8412 by changing the saturation by 10% instead.





8B8412



8B8412

FFFFFF



706B00



C4B94B



555300



E1D466



3B3C00



FFF181



222700



FFFF9C



001300



FFFFB8



000000



FFFFD4



FFFFF1



8B8412



8B8412

■ 8B8304

■ 8B8520

■ 8B8300

■ 8B862E

■ 8B863C

■ 8B874A

■ 8B8857

■ 8B8965

■ 8B8A73

■ 8B8A81

■ 8B8B8F

# Harmonies

## Analogous

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



B47320



8B8412



569031

# Triad

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



8B8412



0097BE



C759A4

# Complementary

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



8B8412



12198B

# 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.



986DCC



8B8412



008FDC

# Square

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



8B8412



009890



3581E1



D95273

# Rectangle

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



8B8412



17944E



3581E1



BB5FB3



# Sweetspot

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



8B8412



B5B286



8B121A



5C5A3F



DBDBDB



5C5C5C



# Same Dimension

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



8B8412



B5AB00



578B12



45443E



857D00



050500



# Inverse Universe

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



12198B



000AB5



46128B



3E3E45



000885



000005



# Previews

## White Background



This preview shows how the Hex color 8B8412 looks on a white background.

## Color Contrast Check

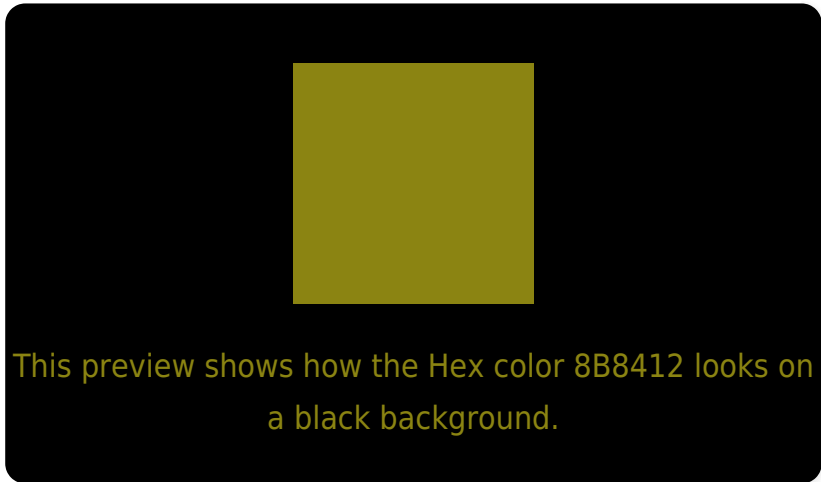
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B8412 Background



This preview shows how black text looks on a background with the Hex color 8B8412.



This preview shows how white text looks on a background with the Hex color 8B8412.

# 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**  
8B8412

**Protanopia**  
928211

**Deuteranopia**  
A37B19



**Tritanopia**  
937B84

# Trichromacy



**Original Color**  
8B8412

**Protanomaly**  
8F8311

**Deuteranomaly**  
9A7E16

**Tritanomaly**  
907E5B

# Monochromacy



**Original Color**  
8B8412

**Achromatopsia**  
797979

**Achromatomaly**  
807D54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B8412 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 #8B8412 looks like.

```
.text, #text, p{  
    color:#8B8412  
}
```

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 #8B8412 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B8412
}
```

## Border

The CSS property to change the border of an element to Hex 8B8412 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
#8B8412 }
```

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

```
.border{ border-color:#8B8412 }
```

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

Here you see how a box with a 4 pixel #8B8412 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B8412; -webkit-box-shadow:4px 4px  
4px 4px #8B8412; box-shadow:4px 4px 4px  
4px #8B8412 }
```

# Background

The CSS property to change the background color of an element to Hex 8B8412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B8412 }
```

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

```
.background{ background-color:#8B8412 }
```

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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