

# Converting Colors

Hex(828438)

Have a look what the booklet for  
Hex(828438) contains.

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**Color**

**Hex(828438)**

# Conversions

## Conversions Part 1

Format	Color
Hex	828438
RGB	130, 132, 56
RGB Percent	51%, 52%, 22%
CMY	0.4902, 0.4824, 0.7804
CMYK	0.02, 0.00, 0.58, 0.48
HSL	62°, 40%, 37%
HSV	62°, 58%, 52%
XYZ	18.1710, 21.5339, 6.9401
YIQ	122.7380, 23.2040, -24.0600

# Conversions

## Conversions Part 2

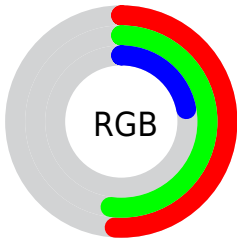
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 132, 58
Decimal	8553528
CIELab	53.53, -11.66, 39.99
CIELCh	54, 41.650, 106.251
Yxy	21.5339, 0.3896, 0.4617
Android (android.graphics.Color)	4286743608 (0xFF828438)
YUV	122.7380, -32.9018, 6.3688
Hunter-Lab	46.4046, -11.3115, 23.6160

# Details

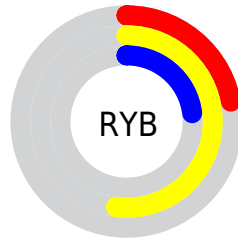
The Hex color **828438** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3A3884**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B9B96A**, and **4E5304** is the 20% darker color. If you saturate the color by 10%, you get **82842B**, and if you desaturate by 10%, it is **828445**.

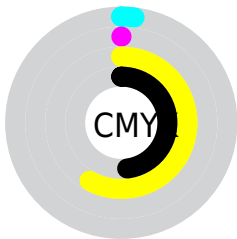
# Distribution



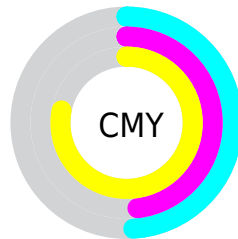
- Red (51%)
- Green (52%)
- Blue (22%)



- Red (22%)
- Yellow (52%)
- Blue (23%)



- Cyan (2%)
- Magenta (0%)
- Yellow (58%)
- Black (48%)



- Cyan (49%)
- Magenta (48%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 828438 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 828438 by changing the saturation by 10% instead.





828438



828438

FFFFFF



686B1F



B9B96A



4E5304



D5D584



363C00



F2F19E



1E2600



FFFFBA



001300



FFFFD6



000000



FFFFF3



828438



828438



82842B



828445

■ 81841E

■ 838452

■ 818410

■ 838460

■ 818403

■ 83846D

■ 818400

■ 84847A

■ 848487

■ 848494

■ 8584A2

■ 8584AF

# Harmonies

## Analogous

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



A37839



828438



598C4C

# Triad

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



828438



008FB3



BA6492

# Complementary

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



828438



3A3884

# 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.



9B6FB2



828438



0088C5

# Square

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



828438



009293



677DC5



C3626E

# Rectangle

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



828438



359062



677DC5



B2679D



# Sweetspot

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



828438



AAAB8E



843938



565745



D6D6D6



575757



# Same Dimension

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



828438



A8AB35



5D8438



42423C



7F8200



020300



# Inverse Universe

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



3A3884



3835AB



5F3884



3C3C42



030082



000003



# Previews

## White Background



This preview shows how the Hex color 828438 looks on a white background.

## Color Contrast Check

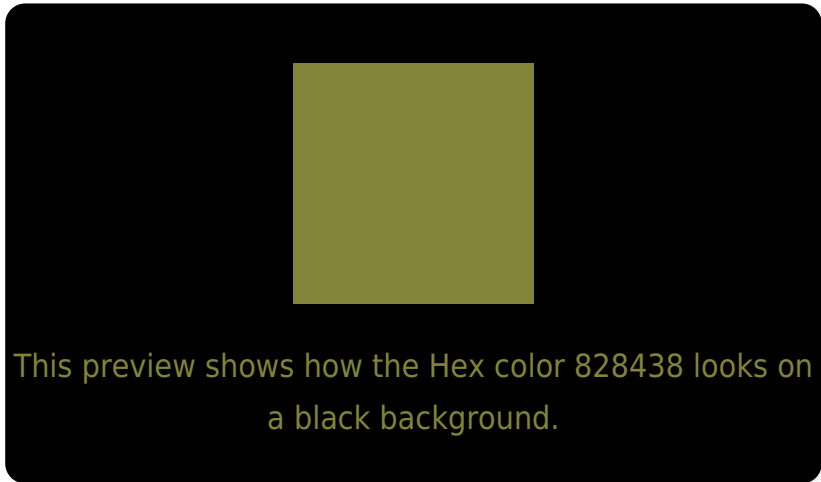
Large Text (above 18pt) WCAG AA ✓ Pass

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

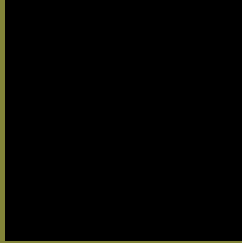
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 828438 Background



This preview shows how black text looks on a background with the Hex color 828438.



This preview shows how white text looks on a background with the Hex color 828438.

# 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**  
828438

**Protanopia**  
8E8037

**Deuteranopia**  
9E7A3B



**Tritanopia**  
8A7C86

# Trichromacy



**Original Color**  
828438

**Protanomaly**  
8A8137

**Deuteranomaly**  
947E3A

**Tritanomaly**  
877F6A

# Monochromacy



**Original Color**  
828438

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7E7E63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 828438 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 #828438 looks like.

```
.text, #text, p{  
    color:#828438  
}
```

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 #828438 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828438
}
```

## Border

The CSS property to change the border of an element to Hex 828438 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
#828438 }
```

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

```
.border{ border-color:#828438 }
```

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

Here you see how a box with a 4 pixel #828438 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828438; -webkit-box-shadow:4px 4px  
4px 4px #828438; box-shadow:4px 4px 4px  
4px #828438 }
```

# Background

The CSS property to change the background color of an element to Hex 828438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828438 }
```

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

```
.background{ background-color:#828438 }
```

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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