

# Converting Colors

Hex(818357)

Have a look what the booklet for  
Hex(818357) contains.

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**Color**

**Hex(818357)**

# Conversions

## Conversions Part 1

Format	Color
Hex	818357
RGB	129, 131, 87
RGB Percent	51%, 51%, 34%
CMY	0.4941, 0.4863, 0.6588
CMYK	0.02, 0.00, 0.34, 0.49
HSL	63°, 20%, 43%
HSV	63°, 34%, 51%
XYZ	18.8899, 21.5878, 12.1881
YIQ	125.3860, 12.9320, -14.1080

# Conversions

## Conversions Part 2

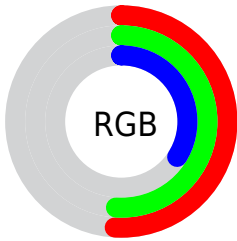
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 131, 89
Decimal	8487767
CIELab	53.59, -8.16, 23.59
CIELCh	54, 24.960, 109.073
Yxy	21.5878, 0.3587, 0.4099
Android (android.graphics.Color)	4286677847 (0xFF818357)
YUV	125.3860, -18.9243, 3.1695
Hunter-Lab	46.4627, -8.7389, 16.9710

# Details

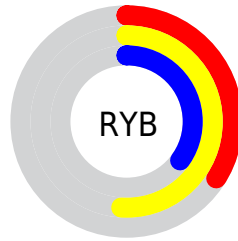
The Hex color **818357** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **595783**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B6B889**, and **4F5229** is the 20% darker color. If you saturate the color by 10%, you get **80834A**, and if you desaturate by 10%, it is **828364**.

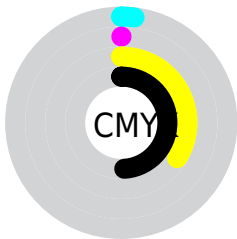
# Distribution



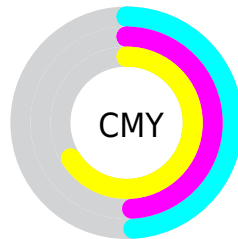
- Red (51%)
- Green (51%)
- Blue (34%)



- Red (34%)
- Yellow (51%)
- Blue (35%)



- Cyan (2%)
- Magenta (0%)
- Yellow (34%)
- Black (49%)




- Cyan (49%)
- Magenta (49%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 818357 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 818357 by changing the saturation by 10% instead.



 818357

 818357

FFFFFF

 676A3F

 B6B889

 4F5229

 D2D4A4

 373B13

 EFF0BF


 232500

 FFFFDB

 001100

 FFFFF7

 000000

 818357

 818357

 80834A

 828364

 80833D

 828371

 7F8330

 83837E

 7F8323

 83838B

 7E8316

 848399

 7D8308

 8583A6

 7D8300

 8583B3

 8683C0

 8683CD

# Harmonies

## Analogous

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



967C56



818357



698863

# Triad

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



818357



3E89A0



A57189

# Complementary

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



818357



595783

# 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.



94769C



818357



5884AA

# Square

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



818357



3C8C8D



787DA8



AB7073

# Rectangle

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



818357



588B70



787DA8



A17290



# Sweetspot

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



818357



AAAB9A



835857



56574C



D6D6D6



575757



# Same Dimension

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



818357



A8AB67



6C8357



42423C



7C8200



020300



# Inverse Universe

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



595783



6A67AB



6E5783



3C3C42



060082



000003



# Previews

## White Background



This preview shows how the Hex color 818357 looks on a white background.

## Color Contrast Check

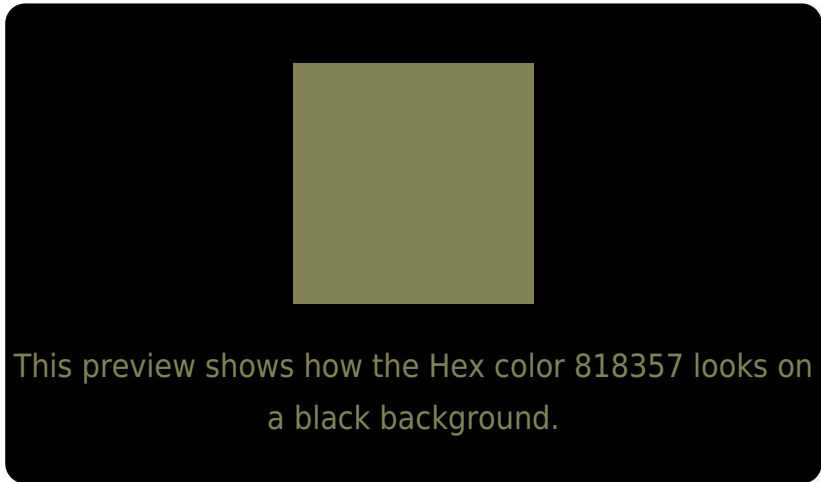
Large Text (above 18pt) WCAG AA ✓ Pass

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

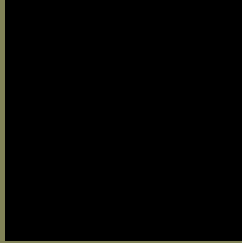
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

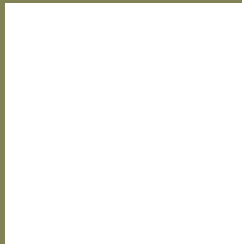
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 818357 Background



This preview shows how black text looks on a background with the Hex color 818357.



This preview shows how white text looks on a background with the Hex color 818357.

# 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](#).

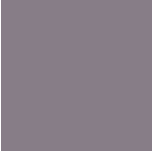
## Dichromacy



**Original Color**  
818357

**Protanopia**  
8B8056

**Deuteranopia**  
997A59



**Tritanopia**  
877D87

# Trichromacy



**Original Color**  
818357

**Protanomaly**  
878156

**Deuteranomaly**  
907D58

**Tritanomaly**  
857F76

# Monochromacy



**Original Color**  
818357

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7E7F6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 818357 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 #818357 looks like.

```
.text, #text, p{  
    color:#818357  
}
```

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 #818357 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #818357  
}
```

## Border

The CSS property to change the border of an element to Hex 818357 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  
#818357 }
```

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

```
.border{ border-color:#818357 }
```

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

Here you see how a box with a 4 pixel #818357 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #818357; -webkit-box-shadow:4px 4px  
4px 4px #818357; box-shadow:4px 4px 4px  
4px #818357 }
```

# Background

The CSS property to change the background color of an element to Hex 818357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#818357 }
```

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

```
.background{ background-color:#818357 }
```

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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