

Converting Colors

Hex(858233)

Have a look what the booklet for
Hex(858233) contains.

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Color

Hex(858233)

Conversions

Conversions Part 1

Format	Color
Hex	858233
RGB	133, 130, 51
RGB Percent	52%, 51%, 20%
CMY	0.4784, 0.4902, 0.8000
CMYK	0.00, 0.02, 0.62, 0.48
HSL	58°, 45%, 36%
HSV	58°, 62%, 52%
XYZ	18.2530, 21.1908, 6.2602
YIQ	121.8910, 27.1470, -23.9330

Conversions

Conversions Part 2

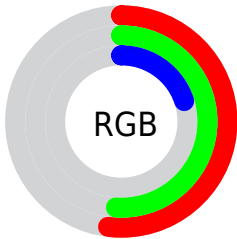
Format	Color
RYB	54, 133, 51
Decimal	8749619
CIELab	53.16, -9.62, 42.05
CIELCh	53, 43.133, 102.891
Yxy	21.1908, 0.3994, 0.4637
Android (android.graphics.Color)	4286939699 (0xFF858233)
YUV	121.8910, -34.9493, 9.7426
Hunter-Lab	46.0335, -9.7804, 24.1605

Details

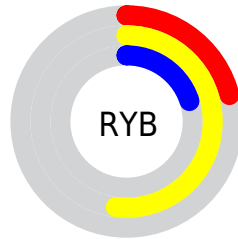
The Hex color **858233** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **333685**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **BCB765**, and **515100** is the 20% darker color. If you saturate the color by 10%, you get **858226**, and if you desaturate by 10%, it is **858240**.

Distribution



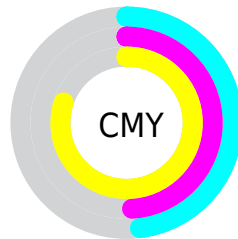
- Red (52%)
- Green (51%)
- Blue (20%)



- Red (21%)
- Yellow (52%)
- Blue (20%)



- Cyan (0%)
- Magenta (2%)
- Yellow (62%)
- Black (48%)



- Cyan (48%)
- Magenta (49%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 858233 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 858233 by changing the saturation by 10% instead.

 858233

 858233

FFFFFF

 6A691A

 BCB765

 515100

 D9D27F

 383A00

 F6EF99

 202500

 FFFFB5

 001100

 FFFFD1

 000000

 FFFFED

 858233

 858233

 858226

 858240

■ 858118

■ 85834E

■ 85810B

■ 85835B

■ 858000

■ 858468

■ 858476

■ 858583

■ 858590

■ 85869D

■ 8586AB

Harmonies

Analogous

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



A67537



858233



5C8B46

Triad

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



858233



008FB0



B86296

Complementary

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



858233



333685

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.



966FB6



858233



0089C5

Square

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



858233



00928E



5C7DC7



C45F70

Rectangle

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



858233



378F5C



5C7DC7



AF66A1

Sweetspot

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



858233



ADAC8E



853337



575644



D6D6D6



575757

Same Dimension

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



858233



ADA92D



608533



42423C



827D00



030200

Inverse Universe

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



333685



2D32AD



583385



3C3C42



000582



000003

Previews

White Background



This preview shows how the Hex color 858233 looks on a white background.

Color Contrast Check

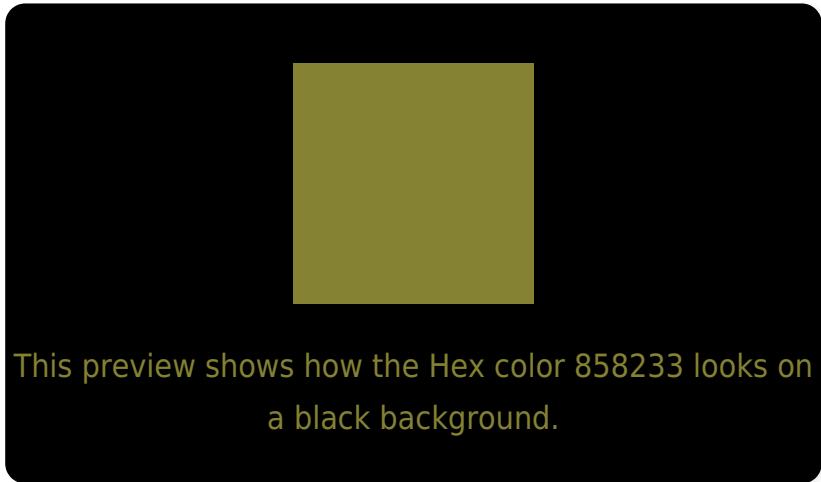
Large Text (above 18pt) WCAG AA ✓ Pass

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

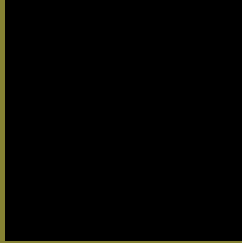
Any Text WCAG AA ✓ Pass

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 858233 Background



This preview shows how black text looks on a background with the Hex color 858233.



This preview shows how white text looks on a background with the Hex color 858233.

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
858233

Protanopia
8D7F32

Deuteranopia
9E7936



Tritanopia
8C7A83

Trichromacy



Original Color
858233

Protanomaly
8A8032

Deuteranomaly
957C35

Tritanomaly
897D66

Monochromacy



Original Color
858233

Achromatopsia
7A7A7A

Achromatomaly
7E7D60

CSS Examples

Text

The CSS property to change the color of the text to Hex 858233 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 #858233 looks like.

```
.text, #text, p{  
    color:#858233  
}
```

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 #858233 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #858233  
}
```

Border

The CSS property to change the border of an element to Hex 858233 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  
#858233 }
```

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

```
.border{ border-color:#858233 }
```

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

Here you see how a box with a 4 pixel #858233 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #858233; -webkit-box-shadow:4px 4px  
4px 4px #858233; box-shadow:4px 4px 4px  
4px #858233 }
```

Background

The CSS property to change the background color of an element to Hex 858233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#858233 }
```

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

```
.background{ background-color:#858233 }
```

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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