

Converting Colors

Hex(858800)

Have a look what the booklet for
Hex(858800) contains.

Hex(858800)	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(858800)

Conversions

Conversions Part 1

Format	Color
Hex	858800
RGB	133, 136, 0
RGB Percent	52%, 53%, 0%
CMY	0.4784, 0.4667, 1.0000
CMYK	0.02, 0.00, 1.00, 0.47
HSL	61°, 100%, 27%
HSV	61°, 100%, 53%
XYZ	18.4770, 22.5949, 3.3874
YIQ	119.5990, 41.8680, -42.9320

Conversions

Conversions Part 2

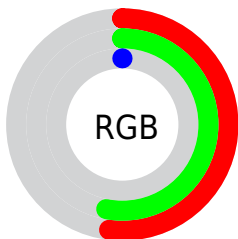
Format	Color
RYB	0, 136, 3
Decimal	8751104
CIELab	54.65, -14.89, 58.91
CIELCh	55, 60.765, 104.185
Yxy	22.5949, 0.4156, 0.5082
Android (android.graphics.Color)	4286941184 (0xFF858800)
YUV	119.5990, -58.9623, 11.7527
Hunter-Lab	47.5341, -13.7996, 29.0487

Details

The Hex color **858800** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **030088**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **BEBD44**, and **4F5600** is the 20% darker color. If you saturate the color by 10%, you get **858800**, and if you desaturate by 10%, it is **85880E**.

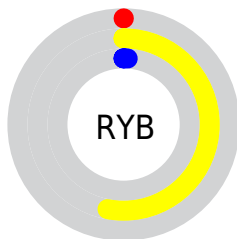
Distribution



Red (52%)

Green (53%)

Blue (0%)



Red (0%)

Yellow (53%)

Blue (1%)

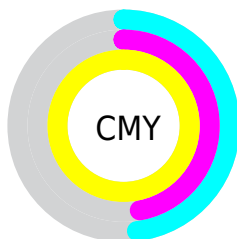


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (48%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 858800 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 858800 by changing the saturation by 10% instead.

 858800

 858800

FFFFFF

 6A6F00

 BEBD44

 4F5600

 DBD95F

 353F00

 F8F57A

 1C2A00

 FFFF95

 001700

 FFFFB1

 000000

 FFFFCE

 FFFFEA

 858800

 85880E

 86881B

 868829

 868836

 878844

 878852

 87885F

 87886D

 88887A

Harmonies

Analogous

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



B3760E



858800



489331

Triad

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



858800



0099CB



D353A1

Complementary

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



858800



030088

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.



A569CF



858800



0090E8

Square

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



858800



009B9B



4280E9



E14E6C

Rectangle

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



858800



009852



4280E9



C759B2

Sweetspot

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



858800



AFB07B



880200



595939



D9D9D9



595959

Same Dimension

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



858800



ACB000



428800



45453E



828500



050500

Inverse Universe

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



030088



0400B0



460088



3E3E45



030085



000005

Previews

White Background



This preview shows how the Hex color 858800 looks on a white background.

Color Contrast Check

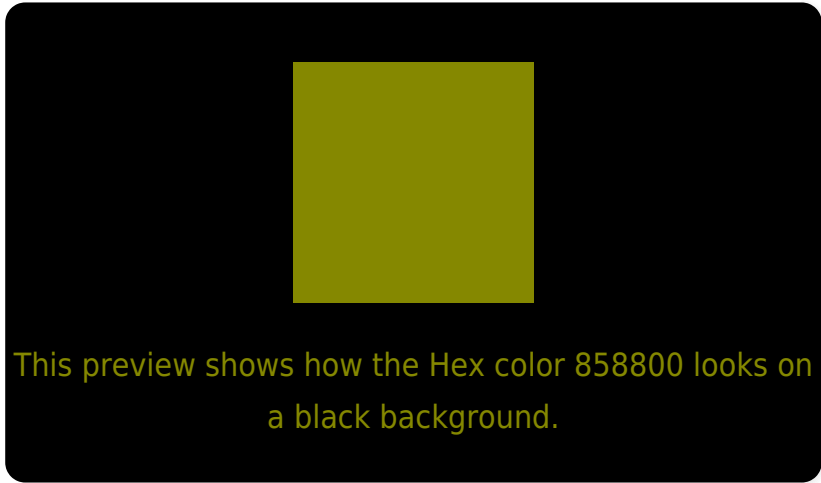
Large Text (above 18pt) WCAG AA ✓ Pass

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 858800 Background



This preview shows how black text looks on a background with the Hex color 858800.



This preview shows how white text looks on a background with the Hex color 858800.

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](#).

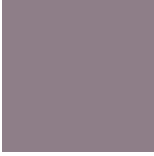
Dichromacy



Original Color
858800

Protanopia
948300

Deuteranopia
A57C15



Tritanopia
8E7E88

Trichromacy



Original Color
858800

Protanomaly
8F8500

Deuteranomaly
99800D

Tritanomaly
8B8257

Monochromacy



Original Color
858800

Achromatopsia
787878

Achromatomaly
7D7E4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 858800 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 #858800 looks like.

```
.text, #text, p{  
    color:#858800  
}
```

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 #858800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #858800
}
```

Border

The CSS property to change the border of an element to Hex 858800 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
#858800 }
```

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

```
.border{ border-color:#858800 }
```

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

Here you see how a box with a 4 pixel #858800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #858800; -webkit-box-shadow:4px 4px  
4px 4px #858800; box-shadow:4px 4px 4px  
4px #858800 }
```

Background

The CSS property to change the background color of an element to Hex 858800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#858800 }
```

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

```
.background{ background-color:#858800 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor