

# Converting Colors

Hex(858A05)

Have a look what the booklet for  
Hex(858A05) contains.

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**Color**

**Hex(858A05)**

# Conversions

## Conversions Part 1

Format	Color
Hex	858A05
RGB	133, 138, 5
RGB Percent	52%, 54%, 2%
CMY	0.4784, 0.4588, 0.9804
CMYK	0.04, 0.00, 0.96, 0.46
HSL	62°, 93%, 28%
HSV	62°, 96%, 54%
XYZ	18.7887, 23.1745, 3.6264
YIQ	121.3430, 39.7130, -42.4230

# Conversions

## Conversions Part 2

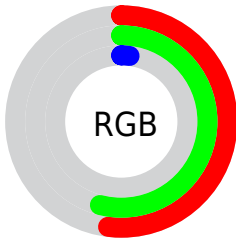
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 138, 10
Decimal	8751621
CIELab	55.25, -15.85, 58.50
CIElCh	55, 60.609, 105.163
Yxy	23.1745, 0.4121, 0.5083
Android (android.graphics.Color)	4286941701 (0xFF858A05)
YUV	121.3430, -57.3571, 10.2232
Hunter-Lab	48.1399, -14.5771, 29.2315

# Details

The Hex color **858A05** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0A058A**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **BDBF47**, and **4F5800** is the 20% darker color. If you saturate the color by 10%, you get **858A00**, and if you desaturate by 10%, it is **868A13**.

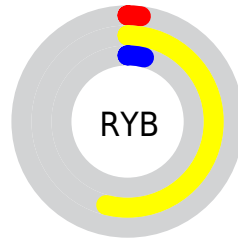
# Distribution



Red (52%)

Green (54%)

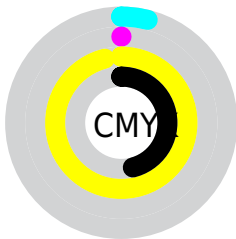
Blue (2%)



Red (2%)

Yellow (54%)

Blue (4%)

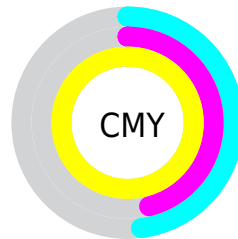


Cyan (4%)

Magenta (0%)

Yellow (96%)

Black (46%)



Cyan (48%)

Magenta (46%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 858A05 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 858A05 by changing the saturation by 10% instead.





858A05



858A05

FFFFFF



6A7100



BDBF47



4F5800



DADB61



354100



F8F77C



1C2B00



FFFF98



001800



FFFFB4



000000



FFFFD0



FFFFED



858A05



858A05

■ 858A00

■ 868A13

■ 868A21

■ 878A2E

■ 878A3C

■ 888A4A

■ 888A58

■ 898A66

■ 898A73

■ 8A8A81

# Harmonies

## Analogous

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



B37810



858A05



479534

# Triad

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



858A05



009ACE



D654A1

# Complementary

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



858A05



0A058A

# 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.



A86ACF



858A05



0092EA

# Square

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



858A05



009D9E



4A81EA



E3516C

# Rectangle

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



858A05



009A56



4A81EA



CA5AB1



# Sweetspot

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



858A05



B1B37F



8A0905



58593A



D9D9D9



595959



# Same Dimension

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



858A05



ACB300



438A05



45453E



808500



050500



# Inverse Universe

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



0A058A



0700B3



4C058A



3E3E45



050085



000005



# Previews

## White Background



This preview shows how the Hex color 858A05 looks on a white background.

## Color Contrast Check

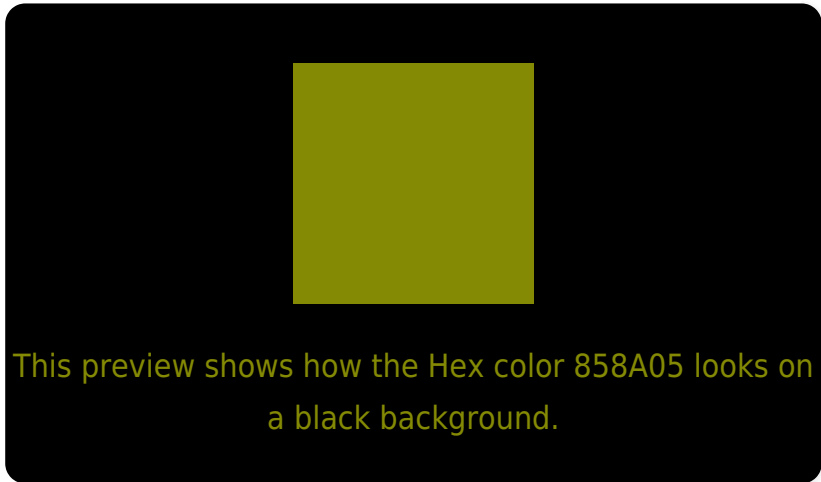
Large Text (above 18pt) WCAG AA ✓ Pass

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 858A05 Background



This preview shows how black text looks on a background with the Hex color 858A05.



This preview shows how white text looks on a background with the Hex color 858A05.

# 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**  
858A05

**Protanopia**  
958500

**Deuteranopia**  
A77D16



**Tritanopia**  
8E808A

# Trichromacy



**Original Color**  
858A05

**Protanomaly**  
8F8702

**Deuteranomaly**  
9B8210

**Tritanomaly**  
8B845A

# Monochromacy



**Original Color**  
858A05

**Achromatopsia**  
797979

**Achromatomaly**  
7D7F4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 858A05 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 #858A05 looks like.

```
.text, #text, p{  
    color:#858A05  
}
```

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 #858A05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #858A05
}
```

## Border

The CSS property to change the border of an element to Hex 858A05 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
#858A05 }
```

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

```
.border{ border-color:#858A05 }
```

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

Here you see how a box with a 4 pixel #858A05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #858A05; -webkit-box-shadow:4px 4px  
4px 4px #858A05; box-shadow:4px 4px 4px  
4px #858A05 }
```

# Background

The CSS property to change the background color of an element to Hex 858A05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#858A05 }
```

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

```
.background{ background-color:#858A05 }
```

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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