

Converting Colors

Hex(858B12)

Have a look what the booklet for
Hex(858B12) contains.

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Color

Hex(858B12)

Conversions

Conversions Part 1

Format	Color
Hex	858B12
RGB	133, 139, 18
RGB Percent	52%, 55%, 7%
CMY	0.4784, 0.4549, 0.9294
CMYK	0.04, 0.00, 0.87, 0.45
HSL	63°, 77%, 31%
HSV	63°, 87%, 55%
XYZ	19.0147, 23.4955, 4.1052
YIQ	123.4120, 35.2650, -38.9030

Conversions

Conversions Part 2

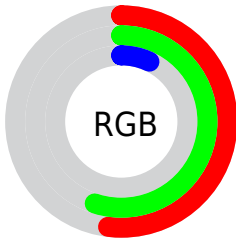
Format	Color
RYB	18, 139, 24
Decimal	8751890
CIELab	55.58, -16.10, 56.35
CIElCh	56, 58.604, 105.947
Yxy	23.4955, 0.4079, 0.5040
Android (android.graphics.Color)	4286941970 (0xFF858B12)
YUV	123.4120, -51.9681, 8.4087
Hunter-Lab	48.4721, -14.8041, 28.9091

Details

The Hex color **858B12** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **18128B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **BDC04D**, and **505900** is the 20% darker color. If you saturate the color by 10%, you get **848B04**, and if you desaturate by 10%, it is **868B20**.

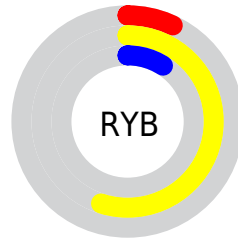
Distribution



Red (52%)

Green (55%)

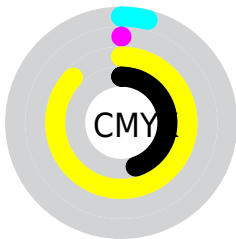
Blue (7%)



Red (7%)

Yellow (55%)

Blue (9%)

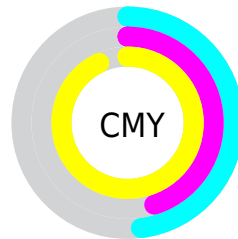


Cyan (4%)

Magenta (0%)

Yellow (87%)

Black (45%)



Cyan (48%)

Magenta (45%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 858B12 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 858B12 by changing the saturation by 10% instead.



858B12



858B12

FFFFFF



6A7200



BDC04D



505900



DADC67



354200



F8F982



1C2C00



FFFF9D



001900



FFFFB9



000000



FFFFD6



FFFFF3



858B12



858B12

■ 848B04

■ 868B20

■ 848B00

■ 868B2E

■ 878B3C

■ 888B4A

■ 888B57

■ 898B65

■ 8A8B73

■ 8B8B81

■ 8B8B8F

Harmonies

Analogous

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



B27A17



858B12



499639

Triad

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



858B12



009ACD



D5579F

Complementary

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



858B12



18128B

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.



AA6BCC



858B12



0092E8

Square

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



858B12



009DA0



5482E7



E1556C

Rectangle

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



858B12



009A59



5482E7



CA5DB0

Sweetspot

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



858B12



B3B586



8B1612



5A5C3F



DBDBDB



5C5C5C

Same Dimension

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



858B12



ACB500



4A8B12



45453E



7E8500



050500

Inverse Universe

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



18128B



0900B5



53128B



3E3E45



070085



000005

Previews

White Background



This preview shows how the Hex color 858B12 looks on a white background.

Color Contrast Check

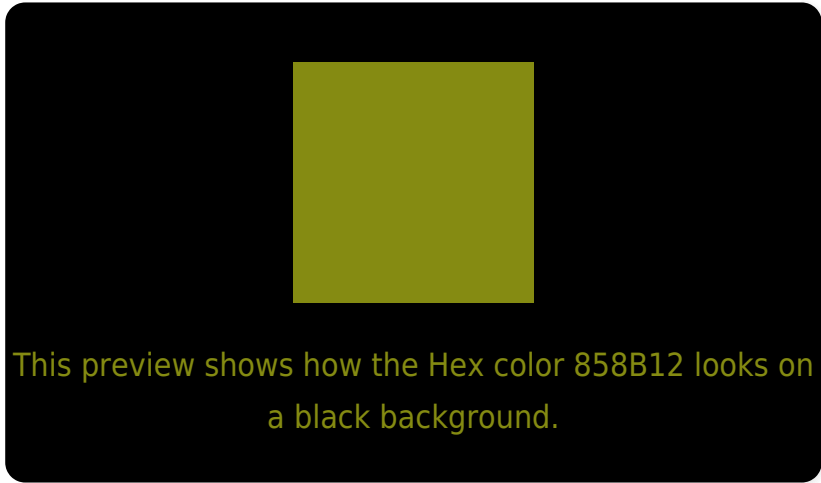
Large Text (above 18pt) WCAG AA ✓ Pass

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 858B12 Background



This preview shows how black text looks on a background with the Hex color 858B12.



This preview shows how white text looks on a background with the Hex color 858B12.

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
858B12

Protanopia
968510

Deuteranopia
A87E1C



Tritanopia
8F818B

Trichromacy



Original Color
858B12

Protanomaly
908711

Deuteranomaly
9B8318

Tritanomaly
8B855F

Monochromacy



Original Color
858B12

Achromatopsia
7B7B7B

Achromatomaly
7F8155

CSS Examples

Text

The CSS property to change the color of the text to Hex 858B12 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 #858B12 looks like.

```
.text, #text, p{  
    color:#858B12  
}
```

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 #858B12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #858B12
}
```

Border

The CSS property to change the border of an element to Hex 858B12 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
#858B12 }
```

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

```
.border{ border-color:#858B12 }
```

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

Here you see how a box with a 4 pixel #858B12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #858B12; -webkit-box-shadow:4px 4px  
4px 4px #858B12; box-shadow:4px 4px 4px  
4px #858B12 }
```

Background

The CSS property to change the background color of an element to Hex 858B12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#858B12 }
```

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

```
.background{ background-color:#858B12 }
```

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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