

Converting Colors

Hex(868D13)

Have a look what the booklet for
Hex(868D13) contains.

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Color

Hex(868D13)

Conversions

Conversions Part 1

Format	Color
Hex	868D13
RGB	134, 141, 19
RGB Percent	53%, 55%, 7%
CMY	0.4745, 0.4471, 0.9255
CMYK	0.05, 0.00, 0.87, 0.45
HSL	63°, 76%, 31%
HSV	63°, 87%, 55%
XYZ	19.4739, 24.1651, 4.2540
YIQ	124.9990, 34.9900, -39.4260

Conversions

Conversions Part 2

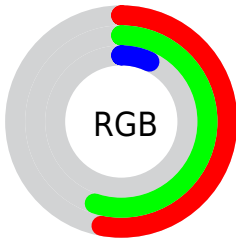
Format	Color
RYB	19, 141, 26
Decimal	8817939
CIELab	56.25, -16.67, 56.71
CIElCh	56, 59.108, 106.381
Yxy	24.1651, 0.4066, 0.5046
Android (android.graphics.Color)	4287008019 (0xFF868D13)
YUV	124.9990, -52.2575, 7.8939
Hunter-Lab	49.1580, -15.3138, 29.2798

Details

The Hex color **868D13** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **1A138D**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **BEC24D**, and **505B00** is the 20% darker color. If you saturate the color by 10%, you get **858D05**, and if you desaturate by 10%, it is **878D21**.

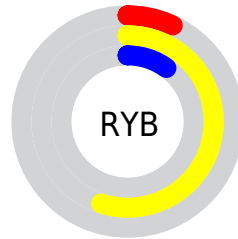
Distribution



Red (53%)

Green (55%)

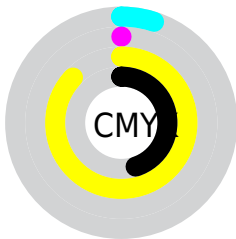
Blue (7%)



Red (7%)

Yellow (55%)

Blue (10%)

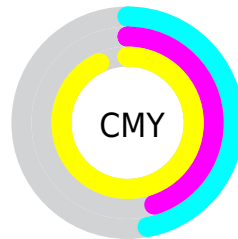


Cyan (5%)

Magenta (0%)

Yellow (87%)

Black (45%)



Cyan (47%)

Magenta (45%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 868D13 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 868D13 by changing the saturation by 10% instead.

 868D13

 868D13

FFFFFF

 6B7400

 BEC24D

 505B00

 DBDE68

 364400

 F9FB83

 1D2E00

 FFFF9E

 001A00

 FFFFBA

 000000

 FFFFD7

 FFFFF4

 868D13

 868D13

■ 858D05

■ 878D21

■ 858D00

■ 888D2F

■ 888D3D

■ 898D4B

■ 8A8D59

■ 8B8D68

■ 8C8D76

■ 8C8D84

■ 8D8D92

Harmonies

Analogous

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



B47C17



868D13



49983B

Triad

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



868D13



009CD0



D858A1

Complementary

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



868D13



1A138D

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.



AD6CCE



868D13



0093EB

Square

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



868D13



009FA2



5783EA



E4566D

Rectangle

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



868D13



009C5B



5783EA



CD5EB1

Sweetspot

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



868D13



B5B888



8D1913



5A5C3F



DBDBDB



5C5C5C

Same Dimension

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



868D13



ADB800



4A8D13



474740



7F8700



070800

Inverse Universe

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



1A138D



0B00B8



56138D



414047



080087



000008

Previews

White Background



This preview shows how the Hex color 868D13 looks on a white background.

Color Contrast Check

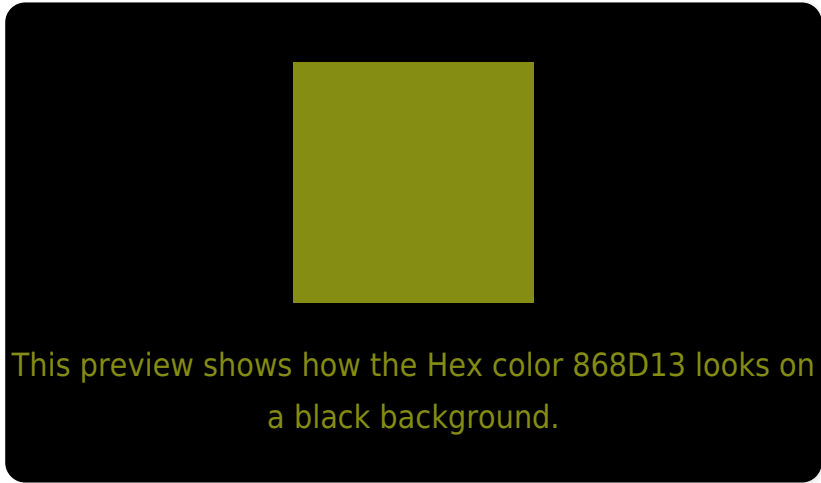
Large Text (above 18pt) WCAG AA ✓ Pass

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 868D13 Background



This preview shows how black text looks on a background with the Hex color 868D13.



This preview shows how white text looks on a background with the Hex color 868D13.

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
868D13

Protanopia
988711

Deuteranopia
AA801D



Tritanopia
90838D

Trichromacy



Original Color
868D13

Protanomaly
918912

Deuteranomaly
9D8519

Tritanomaly
8C8761

Monochromacy



Original Color
868D13

Achromatopsia
7D7D7D

Achromatomaly
808356

CSS Examples

Text

The CSS property to change the color of the text to Hex 868D13 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 #868D13 looks like.

```
.text, #text, p{  
    color:#868D13  
}
```

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 #868D13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #868D13
}
```

Border

The CSS property to change the border of an element to Hex 868D13 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
#868D13 }
```

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

```
.border{ border-color:#868D13 }
```

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

Here you see how a box with a 4 pixel #868D13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #868D13; -webkit-box-shadow:4px 4px  
4px 4px #868D13; box-shadow:4px 4px 4px  
4px #868D13 }
```

Background

The CSS property to change the background color of an element to Hex 868D13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#868D13 }
```

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

```
.background{ background-color:#868D13 }
```

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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