

Converting Colors

Hex(878F29)

Have a look what the booklet for
Hex(878F29) contains.

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Color

Hex(878F29)

Conversions

Conversions Part 1

Format	Color
Hex	878F29
RGB	135, 143, 41
RGB Percent	53%, 56%, 16%
CMY	0.4706, 0.4392, 0.8392
CMYK	0.06, 0.00, 0.71, 0.44
HSL	65°, 55%, 36%
HSV	65°, 71%, 56%
XYZ	20.2144, 24.9559, 5.8494
YIQ	128.9800, 27.9740, -33.4180

Conversions

Conversions Part 2

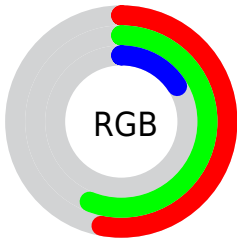
Format	Color
RYB	41, 143, 49
Decimal	8884009
CIELab	57.03, -16.34, 50.45
CIElCh	57, 53.033, 107.947
Yxy	24.9559, 0.3962, 0.4891
Android (android.graphics.Color)	4287074089 (0xFF878F29)
YUV	128.9800, -43.3741, 5.2795
Hunter-Lab	49.9559, -15.1938, 28.0268

Details

The Hex color **878F29** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **31298F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **BFC55D**, and **525D00** is the 20% darker color. If you saturate the color by 10%, you get **868F1B**, and if you desaturate by 10%, it is **888F37**.

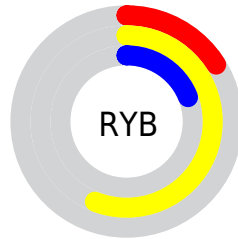
Distribution



Red (53%)

Green (56%)

Blue (16%)



Red (16%)

Yellow (56%)

Blue (19%)

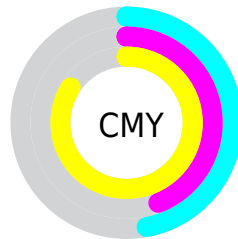


Cyan (6%)

Magenta (0%)

Yellow (71%)

Black (44%)



Cyan (47%)

Magenta (44%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 878F29 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 878F29 by changing the saturation by 10% instead.

 878F29

 878F29

FFFFFF

 6C7509


 BFC55D

 525D00

 DBE178

 394500

 F9FD92

 1F2F00

 FFFFAE

 001C00

 FFFFC A

 000000

 FFFF E6

 878F29

 878F29

 868F1B

 888F37

■ 858F0C

■ 898F46

■ 848F00

■ 8A8F54

■ 8B8F62

■ 8D8F71

■ 8E8F7F

■ 8F8F8D

■ 908F9B

■ 918FAA

Harmonies

Analogous

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



B18029



878F29



509948

Triad

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



878F29



009CCD



D4619E

Complementary

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



878F29



31298F

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.



AE71C7



878F29



0093E3

Square

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



878F29



009FA4



6884E1



DE606F

Rectangle

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



878F29



009D64



6884E1



CA65AD

Sweetspot

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



878F29



B7BA93



8F3029



5D5E47



DEDEDE



5E5E5E

Same Dimension

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



878F29



AEBA1A



558F29



474740



7D8700



070800

Inverse Universe

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



31298F



271ABA



63298F



414047



0B0087



010008

Previews

White Background



This preview shows how the Hex color 878F29 looks on a white background.

Color Contrast Check

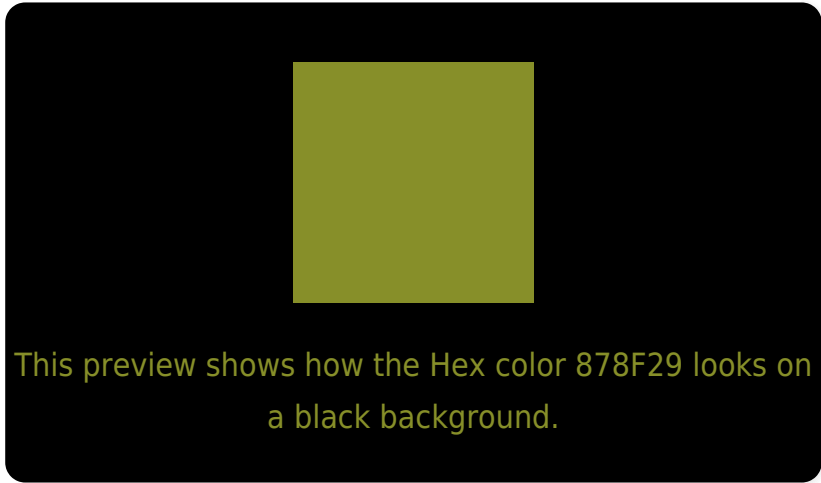
Large Text (above 18pt) WCAG AA ✓ Pass

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 878F29 Background



This preview shows how black text looks on a background with the Hex color 878F29.



This preview shows how white text looks on a background with the Hex color 878F29.

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
878F29

Protanopia
998927

Deuteranopia
AB822E

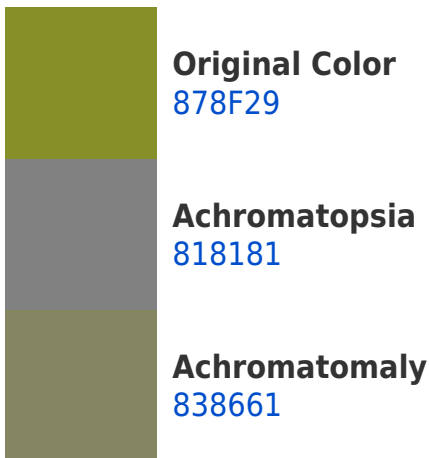


Tritanopia
918590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 878F29 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 #878F29 looks like.

```
.text, #text, p{  
    color:#878F29  
}
```

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 #878F29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878F29
}
```

Border

The CSS property to change the border of an element to Hex 878F29 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
#878F29 }
```

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

```
.border{ border-color:#878F29 }
```

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

Here you see how a box with a 4 pixel #878F29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878F29; -webkit-box-shadow:4px 4px  
4px 4px #878F29; box-shadow:4px 4px 4px  
4px #878F29 }
```

Background

The CSS property to change the background color of an element to Hex 878F29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878F29 }
```

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

```
.background{ background-color:#878F29 }
```

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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