

Converting Colors

Hex(879E58)

Have a look what the booklet for
Hex(879E58) contains.

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Color

Hex(879E58)

Conversions

Conversions Part 1

Format	Color
Hex	879E58
RGB	135, 158, 88
RGB Percent	53%, 62%, 35%
CMY	0.4706, 0.3804, 0.6549
CMYK	0.15, 0.00, 0.44, 0.38
HSL	80°, 28%, 48%
HSV	80°, 44%, 62%
XYZ	23.9800, 30.3092, 13.8189
YIQ	143.1430, 8.7620, -26.6460

Conversions

Conversions Part 2

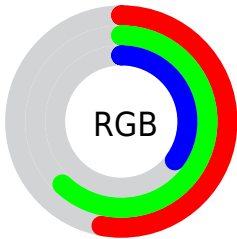
Format	Color
RYB	88, 158, 111
Decimal	8887896
CIELab	61.92, -19.92, 33.84
CIElCh	62, 39.265, 120.487
Yxy	30.3092, 0.3521, 0.4450
Android (android.graphics.Color)	4287077976 (0xFF879E58)
YUV	143.1430, -27.1855, -7.1414
Hunter-Lab	55.0538, -18.5942, 23.6554

Details

The Hex color **879E58** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6F589E**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **BDD58B**, and **546B28** is the 20% darker color. If you saturate the color by 10%, you get **829E48**, and if you desaturate by 10%, it is **8C9E68**.

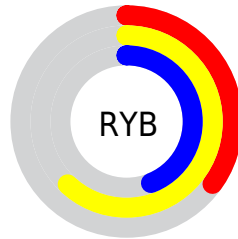
Distribution



Red (53%)

Green (62%)

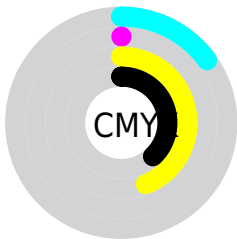
Blue (35%)



Red (35%)

Yellow (62%)

Blue (44%)

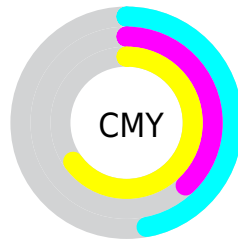


Cyan (15%)

Magenta (0%)

Yellow (44%)

Black (38%)



Cyan (47%)

Magenta (38%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 879E58 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 879E58 by changing the saturation by 10% instead.



879E58



879E58

FFFFFF



6D8440



BDD58B



546B28



DAF1A6



3B5210



F6FFC1



243B00



FFFFDD



0B2500



FFFFFFA



000D00



000000



879E58



879E58




829E48



8C9E68

 7D9E38

 919E78

 779E29

 979E87

 729E19

 9C9E97

 6D9E09

 A19EA7

 6A9E00

 A69EB7

 AB9EC7

 B19ED6

 B69EE6

Harmonies

Analogous

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



AB944F



879E58



5CA572

Triad

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



879E58



00A2D1



D67A96

Complementary

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



879E58



6F589E

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.



C180B8



879E58



5F99DB

Square

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



879E58



00A7B8



9A8CD2



D77D74

Rectangle

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



879E58



37A789



9A8CD2



D17BA2

Sweetspot

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



879E58



C6CFB4



9E6E58



636958



E8E8E8



696969

Same Dimension

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



879E58



ABCF61



659E58



4C4F47



608F00



0A0F00

Inverse Universe

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



6F589E



8561CF



91589E



4A474F



2F008F



05000F

Previews

White Background



This preview shows how the Hex color 879E58 looks on a white background.

Color Contrast Check

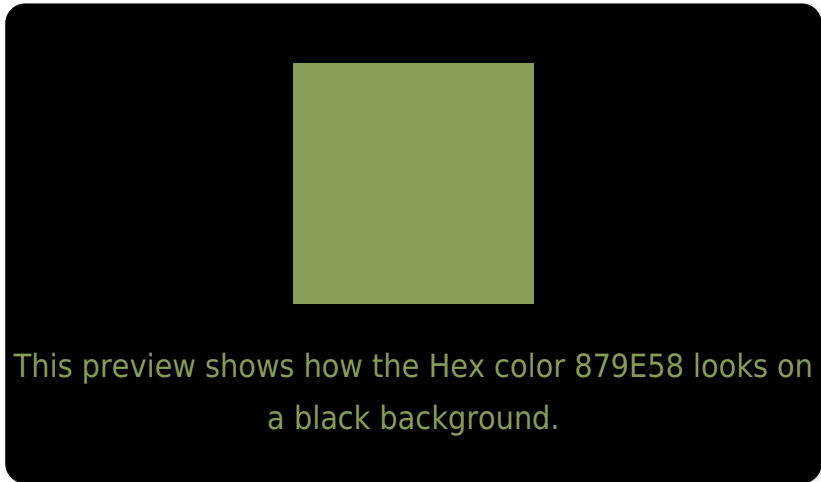
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 879E58 Background



This preview shows how black text looks on a background with the Hex color 879E58.



This preview shows how white text looks on a background with the Hex color 879E58.

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](#).

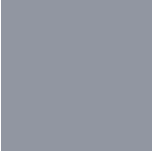
Dichromacy



Original Color
879E58

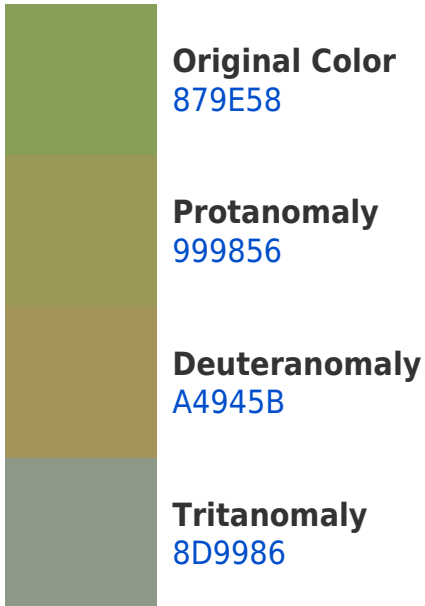
Protanopia
A49555

Deuteranopia
B58F5C

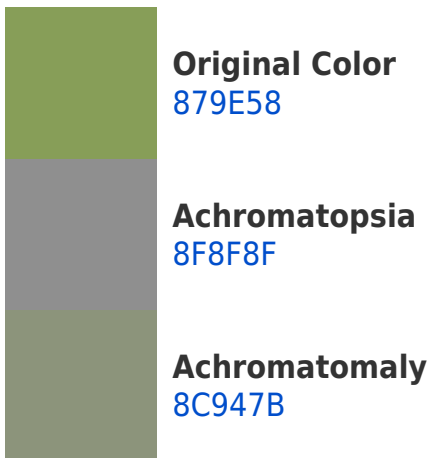


Tritanopia
9196A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 879E58 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 #879E58 looks like.

```
.text, #text, p{  
    color:#879E58  
}
```

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 #879E58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #879E58
}
```

Border

The CSS property to change the border of an element to Hex 879E58 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
#879E58 }
```

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

```
.border{ border-color:#879E58 }
```

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

Here you see how a box with a 4 pixel #879E58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #879E58; -webkit-box-shadow:4px 4px  
4px 4px #879E58; box-shadow:4px 4px 4px  
4px #879E58 }
```

Background

The CSS property to change the background color of an element to Hex 879E58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#879E58 }
```

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

```
.background{ background-color:#879E58 }
```

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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