

Converting Colors

Hex(899D52)

Have a look what the booklet for
Hex(899D52) contains.

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Color

Hex(899D52)

Conversions

Conversions Part 1

Format	Color
Hex	899D52
RGB	137, 157, 82
RGB Percent	54%, 62%, 32%
CMY	0.4627, 0.3843, 0.6784
CMYK	0.13, 0.00, 0.48, 0.38
HSL	76°, 31%, 47%
HSV	76°, 48%, 62%
XYZ	23.8965, 30.0415, 12.5218
YIQ	142.4700, 12.1550, -27.5650

Conversions

Conversions Part 2

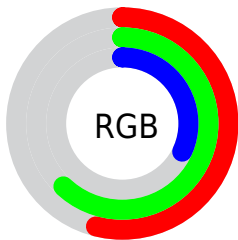
Format	Color
RYB	82, 157, 102
Decimal	9018706
CIELab	61.69, -19.30, 36.69
CIELCh	62, 41.454, 117.742
Yxy	30.0415, 0.3596, 0.4520
Android (android.graphics.Color)	4287208786 (0xFF899D52)
YUV	142.4700, -29.8117, -4.7972
Hunter-Lab	54.8101, -18.0941, 24.8219

Details

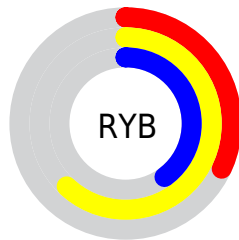
The Hex color **899D52** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **66529D**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **C0D485**, and **556A22** is the 20% darker color. If you saturate the color by 10%, you get **859D42**, and if you desaturate by 10%, it is **8D9D62**.

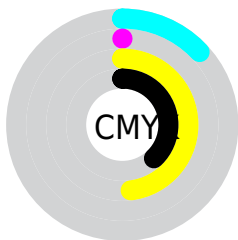
Distribution



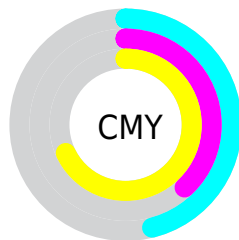
- Red (54%)
- Green (62%)
- Blue (32%)



- Red (32%)
- Yellow (62%)
- Blue (40%)



- Cyan (13%)
- Magenta (0%)
- Yellow (48%)
- Black (38%)



- Cyan (46%)
- Magenta (38%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 899D52 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 899D52 by changing the saturation by 10% instead.

 899D52

 899D52

FFFFFF

 6F833A

 C0D485

 556A22

 DCF0A0

 3D5107

 F9FFBB

 263A00

 FFFFD7

 0C2500

 FFFFF4

 000C00

 000000

 899D52

 899D52

 859D42

 8D9D62

819D33

919D71

7C9D23

969D81

789D13

9A9D91

749D03

9E9DA1

739D00

A29DB0

A69DC0

AA9DD0

AF9DDF

Harmonies

Analogous

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



AE924A



899D52



5CA46C

Triad

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



899D52



00A3D2



D77799

Complementary

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



899D52



66529D

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.



C07FBD



899D52



529ADE

Square

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



899D52



00A7B6



948CD6



DA7A75

Rectangle

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



899D52



33A784



948CD6



D279A6

Sweetspot

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



899D52



C4CCAF



9D6652



616655



E6E6E6



666666

Same Dimension

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



899D52



ADCC58



649D52



4D4F47



698F00



0B0F00

Inverse Universe

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



66529D



7758CC



8B529D



49474F



26008F



04000F

Previews

White Background



This preview shows how the Hex color 899D52 looks on a white background.

Color Contrast Check

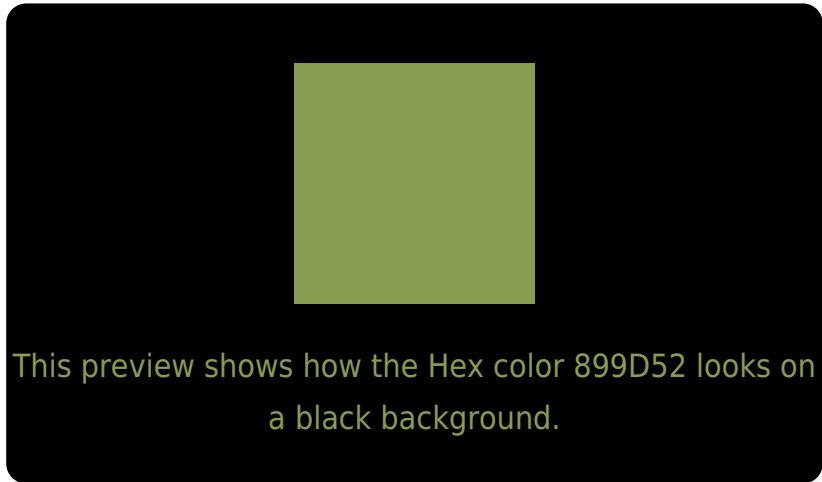
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

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

Hex 899D52 Background



This preview shows how black text looks on a background with the Hex color 899D52.

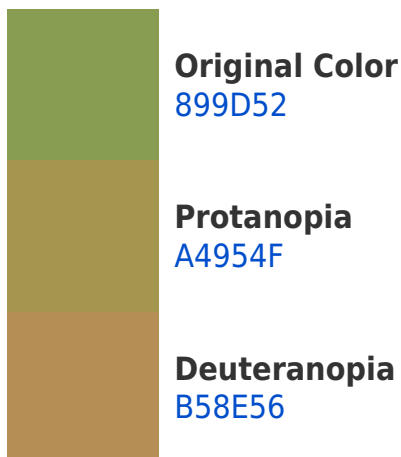


This preview shows how white text looks on a background with the Hex color 899D52.

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





Tritanopia
9394A0

Trichromacy



Original Color
899D52

Protanomaly
9A9850

Deuteranomaly
A59355

Tritanomaly
8F9784

Monochromacy



Original Color
899D52

Achromatopsia
8E8E8E

Achromatomaly
8C9378

CSS Examples

Text

The CSS property to change the color of the text to Hex 899D52 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 #899D52 looks like.

```
.text, #text, p{  
    color:#899D52  
}
```

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 #899D52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #899D52
}
```

Border

The CSS property to change the border of an element to Hex 899D52 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
#899D52 }
```

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

```
.border{ border-color:#899D52 }
```

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

Here you see how a box with a 4 pixel #899D52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #899D52; -webkit-box-shadow:4px 4px  
4px 4px #899D52; box-shadow:4px 4px 4px  
4px #899D52 }
```

Background

The CSS property to change the background color of an element to Hex 899D52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#899D52 }
```

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

```
.background{ background-color:#899D52 }
```

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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