

Converting Colors

Hex(829A51)

Have a look what the booklet for
Hex(829A51) contains.

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Color

Hex(829A51)

Conversions

Conversions Part 1

Format	Color
Hex	829A51
RGB	130, 154, 81
RGB Percent	51%, 60%, 32%
CMY	0.4902, 0.3961, 0.6824
CMYK	0.16, 0.00, 0.47, 0.40
HSL	80°, 31%, 46%
HSV	80°, 47%, 60%
XYZ	22.2467, 28.4511, 12.1037
YIQ	138.5020, 9.1290, -27.7910

Conversions

Conversions Part 2

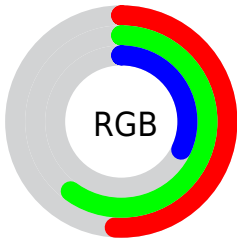
Format	Color
RYB	81, 154, 105
Decimal	8559185
CIELab	60.29, -20.72, 35.38
CIELCh	60, 40.996, 120.352
Yxy	28.4511, 0.3542, 0.4530
Android (android.graphics.Color)	4286749265 (0xFF829A51)
YUV	138.5020, -28.3485, -7.4563
Hunter-Lab	53.3396, -18.8960, 23.8838

Details

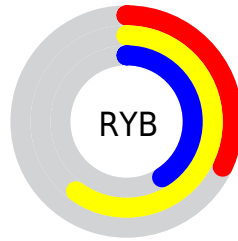
The Hex color **829A51** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **69519A**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B8D084**, and **4F6721** is the 20% darker color. If you saturate the color by 10%, you get **7D9A42**, and if you desaturate by 10%, it is **879A60**.

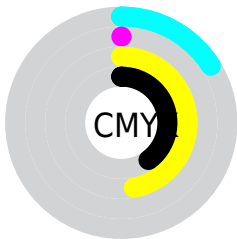
Distribution



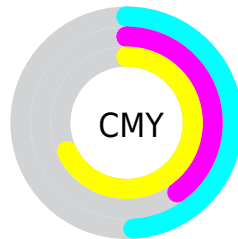
- Red (51%)
- Green (60%)
- Blue (32%)



- Red (32%)
- Yellow (60%)
- Blue (41%)



- Cyan (16%)
- Magenta (0%)
- Yellow (47%)
- Black (40%)



- Cyan (49%)
- Magenta (40%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 829A51 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 829A51 by changing the saturation by 10% instead.

 829A51

 829A51

FFFFFF

 688039

 B8D084

 4F6721

 D4ED9E

 364F07

 F1FFBA

 203800

 FFFFD6

 032200

 FFFFF2

 000200

 000000

 829A51

 829A51

 7D9A42

 879A60

 789A32

 8C9A70

 739A23

 919A7F

 6E9A13

 969A8F

 699A04

 9B9A9E

 679A00

 A09AAD

 A59ABD

 AB9ACC

 B09ADC

Harmonies

Analogous

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



A78F47



829A51



55A16C

Triad

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



829A51



009ECF



D47492

Complementary

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



829A51



69519A

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.



BF7BB6



829A51



5695D9

Square

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



829A51



00A3B5



9588D0



D4776F

Rectangle

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



829A51



29A384



9588D0



CF759F

Sweetspot

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



829A51



C0C9AD



9A6851



606655



E6E6E6



666666

Same Dimension

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



829A51



A4C957



5E9A51



4A4D45



5E8C00



090D00

Inverse Universe

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



69519A



7C57C9



8D519A



47454D



2E008C



04000D

Previews

White Background



This preview shows how the Hex color 829A51 looks on a white background.

Color Contrast Check

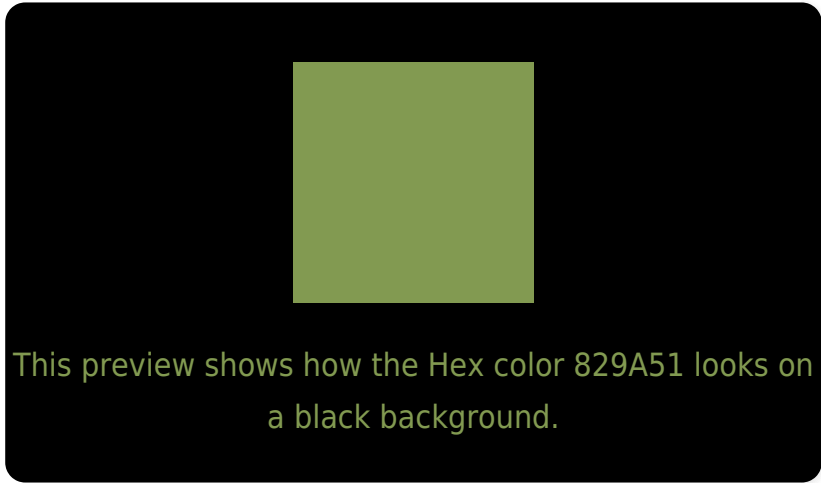
Large Text (above 18pt) WCAG AA ✓ Pass

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

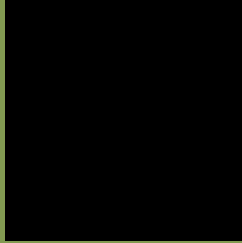
Any Text WCAG AA ✓ Pass

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 829A51 Background



This preview shows how black text looks on a background with the Hex color 829A51.

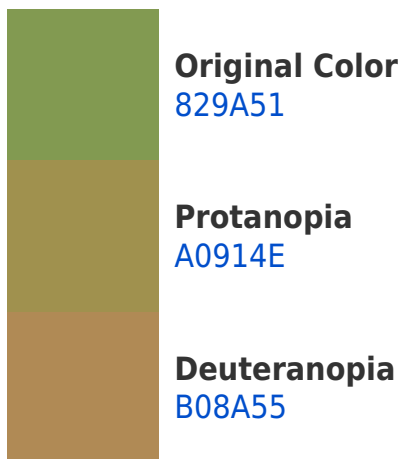


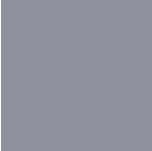
This preview shows how white text looks on a background with the Hex color 829A51.

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
8C919D

Trichromacy



Original Color
829A51

Protanomaly
95944F

Deuteranomaly
9F9054

Tritanomaly
889481

Monochromacy



Original Color
829A51

Achromatopsia
8B8B8B

Achromatomaly
889076

CSS Examples

Text

The CSS property to change the color of the text to Hex 829A51 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 #829A51 looks like.

```
.text, #text, p{  
    color:#829A51  
}
```

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 #829A51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #829A51
}
```

Border

The CSS property to change the border of an element to Hex 829A51 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
#829A51 }
```

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

```
.border{ border-color:#829A51 }
```

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

Here you see how a box with a 4 pixel #829A51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #829A51; -webkit-box-shadow:4px 4px  
4px 4px #829A51; box-shadow:4px 4px 4px  
4px #829A51 }
```

Background

The CSS property to change the background color of an element to Hex 829A51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#829A51 }
```

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

```
.background{ background-color:#829A51 }
```

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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