

Converting Colors

Hex(8A9E51)

Have a look what the booklet for
Hex(8A9E51) contains.

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Color

Hex(8A9E51)

Conversions

Conversions Part 1

Format	Color
Hex	8A9E51
RGB	138, 158, 81
RGB Percent	54%, 62%, 32%
CMY	0.4588, 0.3804, 0.6824
CMYK	0.13, 0.00, 0.49, 0.38
HSL	76°, 32%, 47%
HSV	76°, 49%, 62%
XYZ	24.1933, 30.4511, 12.3871
YIQ	143.2420, 12.7970, -28.1870

Conversions

Conversions Part 2

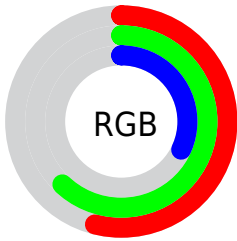
Format	Color
RYB	81, 158, 101
Decimal	9084497
CIELab	62.04, -19.51, 37.64
CIELCh	62, 42.400, 117.396
Yxy	30.4511, 0.3609, 0.4543
Android (android.graphics.Color)	4287274577 (0xFF8A9E51)
YUV	143.2420, -30.6853, -4.5972
Hunter-Lab	55.1825, -18.3108, 25.3186

Details

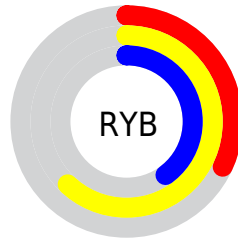
The Hex color **8A9E51** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **65519E**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **C1D584**, and **566B20** is the 20% darker color. If you saturate the color by 10%, you get **869E41**, and if you desaturate by 10%, it is **8E9E61**.

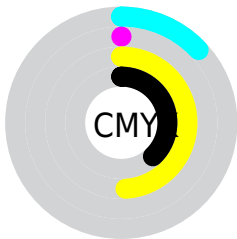
Distribution



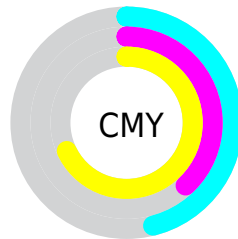
- Red (54%)
- Green (62%)
- Blue (32%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (49%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 8A9E51 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 8A9E51 by changing the saturation by 10% instead.



8A9E51



8A9E51

FFFFFF



708439



C1D584



566B20



DDF19F



3D5205



FAFFBA



273B00



FFFFD6



0D2500



FFFFFF3



000E00



000000



8A9E51



8A9E51



869E41



8E9E61

829E31

929E71

7E9E22

969E80

7A9E12

9A9E90

759E02

9F9EA0

759E00

A39EB0

A79EC0

AB9ECF

AF9EDF

Harmonies

Analogous

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



B09349



8A9E51



5CA66C

Triad

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



8A9E51



00A4D4



DA779B

Complementary

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



8A9E51



65519E

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.



C27FBF



8A9E51



4F9BE1

Square

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



8A9E51



00A9B7



948DD9



DC7A75

Rectangle

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



8A9E51



31A884



948DD9



D479A7

Sweetspot

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



8A9E51



C7CFB0



9E6451



646956



E8E8E8



696969

Same Dimension

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



8A9E51



AFCF57



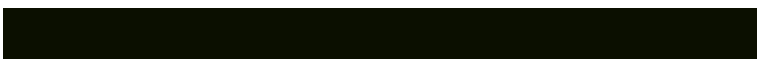
649E51



4D4F47



6A8F00



0B0F00

Inverse Universe

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



65519E



7657CF



8B519E



49474F



25008F



04000F

Previews

White Background



This preview shows how the Hex color 8A9E51 looks on a white background.

Color Contrast Check

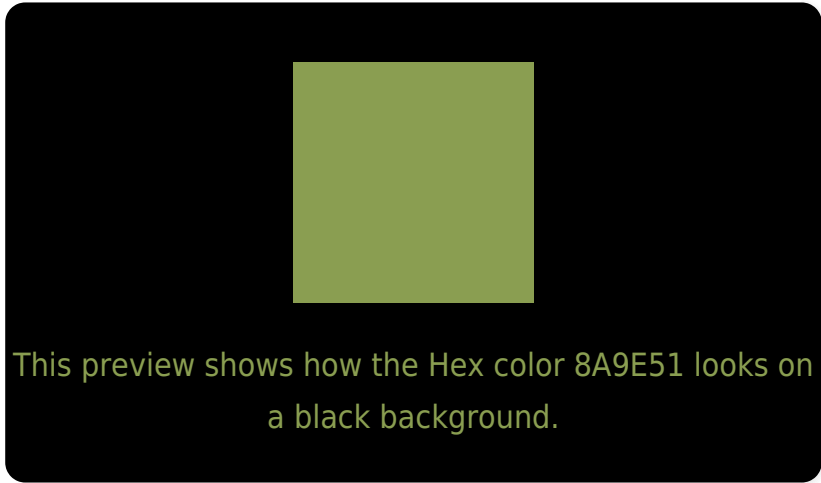
Large Text (above 18pt) WCAG AA × Fail

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

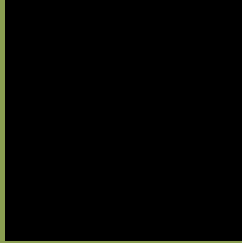
Any Text WCAG AA ✓ Pass

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 8A9E51 Background



This preview shows how black text looks on a background with the Hex color 8A9E51.



This preview shows how white text looks on a background with the Hex color 8A9E51.

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
8A9E51

Protanopia
A5964E

Deuteranopia
B68F55



Tritanopia
9495A1

Trichromacy



Original Color
8A9E51

Protanomaly
9B994F

Deuteranomaly
A69454

Tritanomaly
909884

Monochromacy



Original Color
8A9E51

Achromatopsia
8F8F8F

Achromatomaly
8D9478

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A9E51 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 #8A9E51 looks like.

```
.text, #text, p{  
    color:#8A9E51  
}
```

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 #8A9E51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A9E51
}
```

Border

The CSS property to change the border of an element to Hex 8A9E51 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
#8A9E51 }
```

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

```
.border{ border-color:#8A9E51 }
```

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

Here you see how a box with a 4 pixel #8A9E51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A9E51; -webkit-box-shadow:4px 4px  
4px 4px #8A9E51; box-shadow:4px 4px 4px  
4px #8A9E51 }
```

Background

The CSS property to change the background color of an element to Hex 8A9E51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A9E51 }
```

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

```
.background{ background-color:#8A9E51 }
```

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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