

Converting Colors

Hex(8A9742)

Have a look what the booklet for
Hex(8A9742) contains.

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Color

Hex(8A9742)

Conversions

Conversions Part 1

Format	Color
Hex	8A9742
RGB	138, 151, 66
RGB Percent	54%, 59%, 26%
CMY	0.4588, 0.4078, 0.7412
CMYK	0.09, 0.00, 0.56, 0.41
HSL	69°, 39%, 43%
HSV	69°, 56%, 59%
XYZ	22.5312, 27.9298, 9.3577
YIQ	137.4230, 19.5370, -29.1910

Conversions

Conversions Part 2

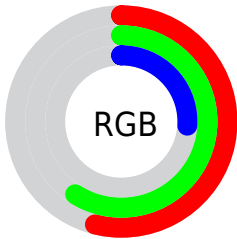
Format	Color
RYB	66, 151, 79
Decimal	9082690
CIELab	59.83, -17.39, 42.47
CIELCh	60, 45.894, 112.262
Yxy	27.9298, 0.3767, 0.4669
Android (android.graphics.Color)	4287272770 (0xFF8A9742)
YUV	137.4230, -35.2115, 0.5060
Hunter-Lab	52.8487, -16.3845, 26.4958

Details

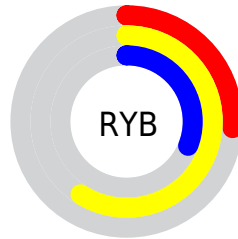
The Hex color **8A9742** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4F4297**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **C1CD75**, and **56640E** is the 20% darker color. If you saturate the color by 10%, you get **889733**, and if you desaturate by 10%, it is **8C9751**.

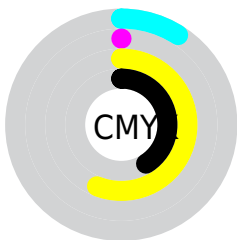
Distribution



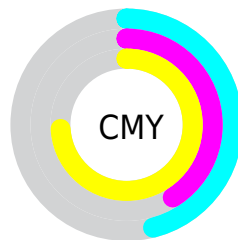
- Red (54%)
- Green (59%)
- Blue (26%)



- Red (26%)
- Yellow (59%)
- Blue (31%)



- Cyan (9%)
- Magenta (0%)
- Yellow (56%)
- Black (41%)



- Cyan (46%)
- Magenta (41%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A9742 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 8A9742 by changing the saturation by 10% instead.



8A9742



8A9742

FFFFFF



6F7D29



C1CD75



56640E



DEE98F



3D4C00



FBFFAA



253600



FFFFC6



092000



FFFFE2



000000



8A9742



8A9742



889733



8C9751



859724



8F9760

■ 839715

■ 91976F

■ 819706

■ 93977E

■ 809700

■ 96978E

■ 98979D

■ 9A97AC

■ 9C97BB

■ 9F97CA

Harmonies

Analogous

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



B18A3E



8A9742



5AA05D

Triad

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



8A9742



00A0CF



D56F9C

Complementary

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



8A9742



4F4297

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.



B87AC2



8A9742



1C98E0

Square

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



8A9742



00A4AD



828ADB



DC7074

Rectangle

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



8A9742



29A376



828ADB



CE71AA

Sweetspot

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



8A9742



BFC4A3



974F42



606350



E3E3E3



636363

Same Dimension

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



8A9742



B0C43F



609742



4B4D45



778C00



0B0D00

Inverse Universe

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



4F4297



533FC4



794297



46454D



15008C



02000D

Previews

White Background



This preview shows how the Hex color 8A9742 looks on a white background.

Color Contrast Check

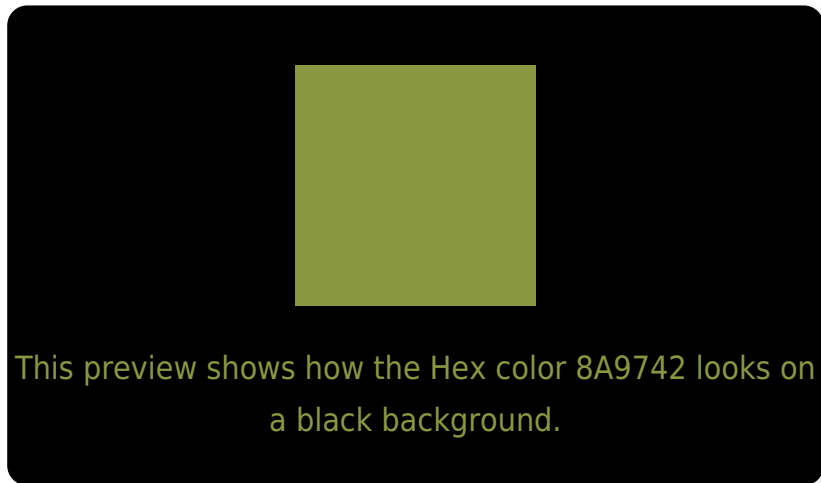
Large Text (above 18pt) WCAG AA ✓ Pass

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

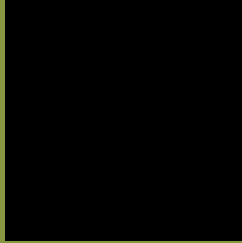
Any Text WCAG AA ✓ Pass

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 8A9742 Background



This preview shows how black text looks on a background with the Hex color 8A9742.

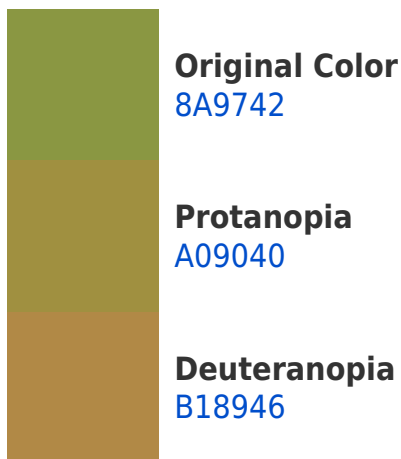


This preview shows how white text looks on a background with the Hex color 8A9742.

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
948E99

Trichromacy



Original Color
8A9742

Protanomaly
989341

Deuteranomaly
A38E45

Tritanomaly
909179

Monochromacy



Original Color
8A9742

Achromatopsia
898989

Achromatomaly
898E6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A9742 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 #8A9742 looks like.

```
.text, #text, p{  
    color:#8A9742  
}
```

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 #8A9742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A9742
}
```

Border

The CSS property to change the border of an element to Hex 8A9742 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
#8A9742 }
```

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

```
.border{ border-color:#8A9742 }
```

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

Here you see how a box with a 4 pixel #8A9742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A9742; -webkit-box-shadow:4px 4px  
4px 4px #8A9742; box-shadow:4px 4px 4px  
4px #8A9742 }
```

Background

The CSS property to change the background color of an element to Hex 8A9742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A9742 }
```

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

```
.background{ background-color:#8A9742 }
```

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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