

Converting Colors

Hex(809A49)

Have a look what the booklet for
Hex(809A49) contains.

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Color

Hex(809A49)

Conversions

Conversions Part 1

Format	Color
Hex	809A49
RGB	128, 154, 73
RGB Percent	50%, 60%, 29%
CMY	0.4980, 0.3961, 0.7137
CMYK	0.17, 0.00, 0.53, 0.40
HSL	79°, 36%, 45%
HSV	79°, 53%, 60%
XYZ	21.6603, 28.1814, 10.6013
YIQ	136.9920, 10.5050, -30.7030

Conversions

Conversions Part 2

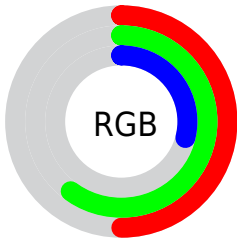
Format	Color
RYB	73, 154, 99
Decimal	8428105
CIELab	60.05, -22.40, 39.12
CIELCh	60, 45.078, 119.803
Yxy	28.1814, 0.3584, 0.4662
Android (android.graphics.Color)	4286618185 (0xFF809A49)
YUV	136.9920, -31.5481, -7.8860
Hunter-Lab	53.0862, -20.0691, 25.3202

Details

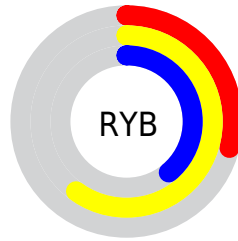
The Hex color **809A49** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **63499A**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B6D07C**, and **4C6717** is the 20% darker color. If you saturate the color by 10%, you get **7B9A3A**, and if you desaturate by 10%, it is **859A58**.

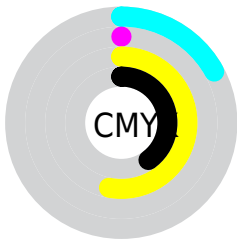
Distribution



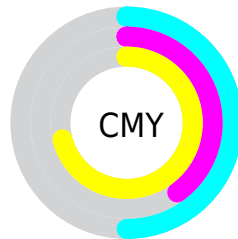
- Red (50%)
- Green (60%)
- Blue (29%)



- Red (29%)
- Yellow (60%)
- Blue (39%)



- Cyan (17%)
- Magenta (0%)
- Yellow (53%)
- Black (40%)



- Cyan (50%)
- Magenta (40%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 809A49 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 809A49 by changing the saturation by 10% instead.



809A49



809A49

FFFFFF



668030



B6D07C



4C6717



D3ED96



344F00



EFFFB1



1C3800



FFFFCD



002200



FFFEEA



000000



809A49



809A49



7B9A3A



859A58



769A2A



8A9A68

 719A1B

 8F9A77

 6C9A0B

 949A87

 699A00

 999A96

 9E9AA5

 A39AB5

 A89AC4

 AC9AD4

Harmonies

Analogous

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



A88E3F



809A49



4DA167

Triad

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



809A49



009FD5



D96F93

Complementary

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



809A49



63499A

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.



C177B9



809A49



4795E0

Square

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



809A49



00A4B7



9386D6



D9736B

Rectangle

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



809A49



04A481



9386D6



D371A0

Sweetspot

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



809A49



BFC9A9



9A6349



606653



E6E6E6



666666

Same Dimension

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



809A49



A1C94B



589A49



4A4D45



5F8C00



090D00

Inverse Universe

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



63499A



734BC9



8B499A



47454D



2D008C



04000D

Previews

White Background



This preview shows how the Hex color 809A49 looks on a white background.

Color Contrast Check

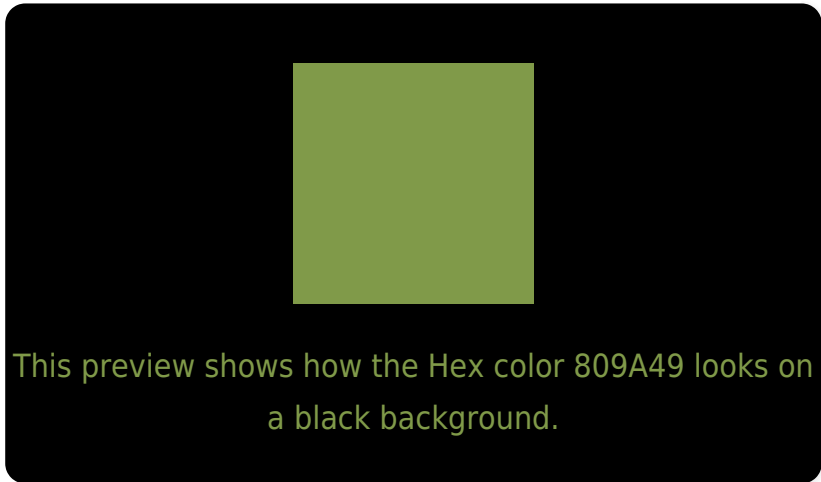
Large Text (above 18pt) WCAG AA ✓ Pass

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

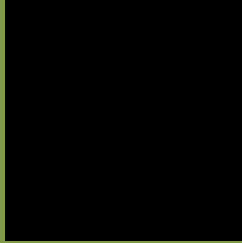
Any Text WCAG AA ✓ Pass

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 809A49 Background



This preview shows how black text looks on a background with the Hex color 809A49.



This preview shows how white text looks on a background with the Hex color 809A49.

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](#).

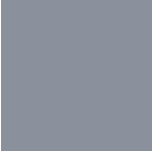
Dichromacy



Original Color
809A49

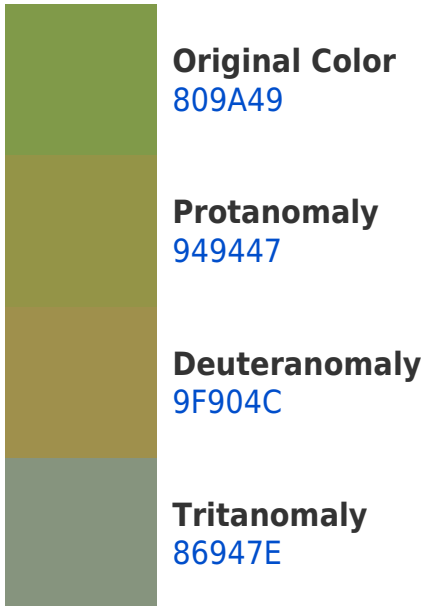
Protanopia
A09146

Deuteranopia
B18A4D

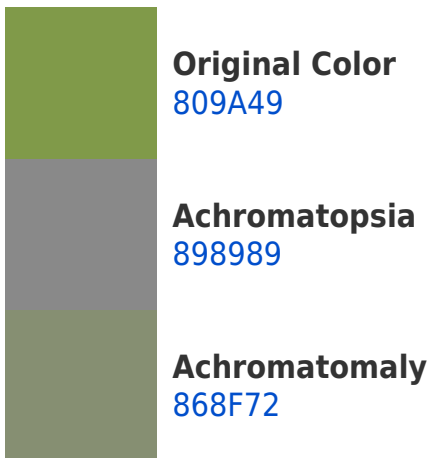


Tritanopia
8A919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 809A49 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 #809A49 looks like.

```
.text, #text, p{  
    color:#809A49  
}
```

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 #809A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809A49
}
```

Border

The CSS property to change the border of an element to Hex 809A49 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
#809A49 }
```

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

```
.border{ border-color:#809A49 }
```

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

Here you see how a box with a 4 pixel #809A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809A49; -webkit-box-shadow:4px 4px  
4px 4px #809A49; box-shadow:4px 4px 4px  
4px #809A49 }
```

Background

The CSS property to change the background color of an element to Hex 809A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809A49 }
```

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

```
.background{ background-color:#809A49 }
```

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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