

Converting Colors

Hex(89A84B)

Have a look what the booklet for
Hex(89A84B) contains.

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Color

Hex(89A84B)

Conversions

Conversions Part 1

Format	Color
Hex	89A84B
RGB	137, 168, 75
RGB Percent	54%, 66%, 29%
CMY	0.4627, 0.3412, 0.7059
CMYK	0.18, 0.00, 0.55, 0.34
HSL	80°, 38%, 48%
HSV	80°, 55%, 66%
XYZ	25.5892, 33.8316, 11.8381
YIQ	148.1290, 11.3770, -35.4950

Conversions

Conversions Part 2

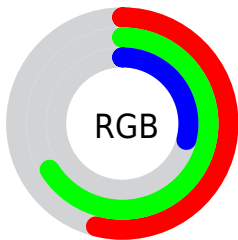
Format	Color
RYB	75, 168, 106
Decimal	9021515
CIELab	64.83, -25.54, 43.90
CIELCh	65, 50.794, 120.191
Yxy	33.8316, 0.3591, 0.4748
Android (android.graphics.Color)	4287211595 (0xFF89A84B)
YUV	148.1290, -36.0526, -9.7601
Hunter-Lab	58.1650, -23.2592, 28.6484

Details

The Hex color **89A84B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6A4BA8**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **C0DF7F**, and **547417** is the 20% darker color. If you saturate the color by 10%, you get **83A83A**, and if you desaturate by 10%, it is **8FA85C**.

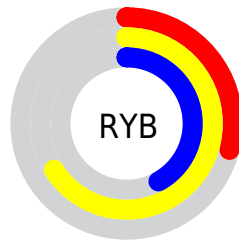
Distribution



Red (54%)

Green (66%)

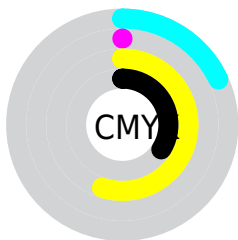
Blue (29%)



Red (29%)

Yellow (66%)

Blue (42%)

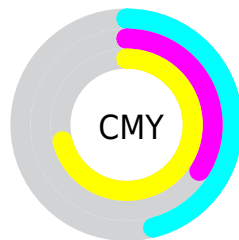


Cyan (18%)

Magenta (0%)

Yellow (55%)

Black (34%)



Cyan (46%)

Magenta (34%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89A84B 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 89A84B by changing the saturation by 10% instead.



89A84B



89A84B

FFFFFF



6E8D32



C0DF7F



547417



DDFC99



3B5B00



FAFFB5



234300



FFFFD1



052D00



FFFFED



001A00



000000



89A84B



89A84B



83A83A



8FA85C

 7EA829

 94A86D

 78A819

 9AA87D

 73A808

 9FA88E

 70A800

 A5A89F

 ABA8B0

 B0A8C1

 B6A8D1

 BBA8E2

Harmonies

Analogous

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



B79B3E



89A84B



4DB06E

Triad

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



89A84B



00AEEB



EF769F

Complementary

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



89A84B



6A4BA8

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.



D580CB



89A84B



43A2F8

Square

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



89A84B



00B3CA



A091EC



F07B72

Rectangle

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



89A84B



00B38C



A091EC



E978AE

Sweetspot

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



89A84B



CFDDB6



A86A4B



666E58



EDEDED



6E6E6E

Same Dimension

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



89A84B



ABDB4B



5AA84B



51544C



639400



0E1400

Inverse Universe

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



6A4BA8



7B4BDB



994BA8



4F4C54



310094



070014

Previews

White Background



This preview shows how the Hex color 89A84B looks on a white background.

Color Contrast Check

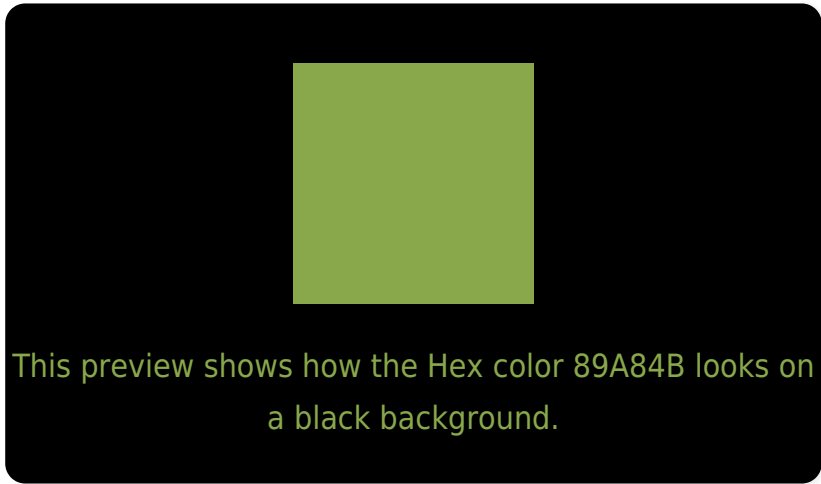
Large Text (above 18pt) WCAG AA × Fail

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

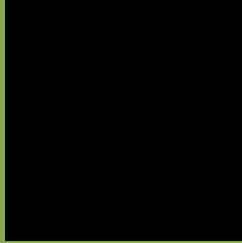
Any Text WCAG AA ✓ Pass

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 89A84B Background



This preview shows how black text looks on a background with the Hex color 89A84B.



This preview shows how white text looks on a background with the Hex color 89A84B.

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

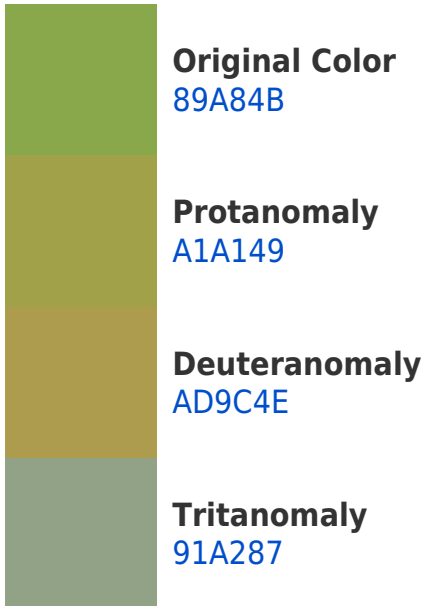


Original Color
89A84B

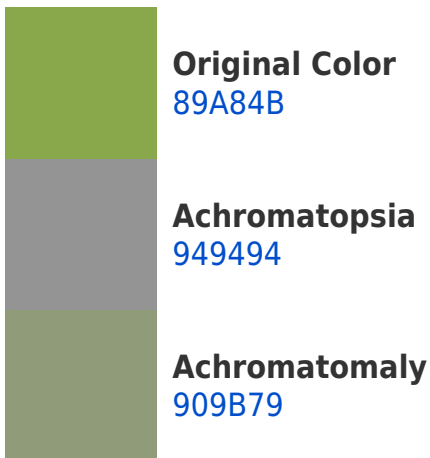
Protanopia
AE9D48

Deuteranopia
C19550

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89A84B 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 #89A84B looks like.

```
.text, #text, p{  
    color:#89A84B  
}
```

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 #89A84B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A84B
}
```

Border

The CSS property to change the border of an element to Hex 89A84B 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
#89A84B }
```

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

```
.border{ border-color:#89A84B }
```

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

Here you see how a box with a 4 pixel #89A84B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A84B; -webkit-box-shadow:4px 4px  
4px 4px #89A84B; box-shadow:4px 4px 4px  
4px #89A84B }
```

Background

The CSS property to change the background color of an element to Hex 89A84B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A84B }
```

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

```
.background{ background-color:#89A84B }
```

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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