

Converting Colors

Hex(89B84F)

Have a look what the booklet for
Hex(89B84F) contains.

Hex(89B84F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(89B84F)

Conversions

Conversions Part 1

Format	Color
Hex	89B84F
RGB	137, 184, 79
RGB Percent	54%, 72%, 31%
CMY	0.4627, 0.2784, 0.6902
CMYK	0.26, 0.00, 0.57, 0.28
HSL	87°, 43%, 52%
HSV	87°, 57%, 72%
XYZ	28.8683, 40.1639, 13.6280
YIQ	157.9770, 5.6930, -42.6190

Conversions

Conversions Part 2

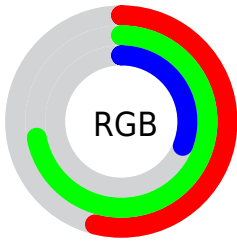
Format	Color
RYB	79, 184, 126
Decimal	9025615
CIELab	69.59, -32.81, 47.52
CIElCh	70, 57.745, 124.623
Yxy	40.1639, 0.3492, 0.4859
Android (android.graphics.Color)	4287215695 (0xFF89B84F)
YUV	157.9770, -38.9357, -18.3968
Hunter-Lab	63.3750, -29.5966, 31.6129

Details

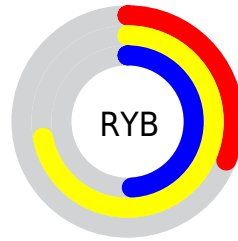
The Hex color **89B84F** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7E4FB8**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **C1F083**, and **53831A** is the 20% darker color. If you saturate the color by 10%, you get **81B83D**, and if you desaturate by 10%, it is **91B861**.

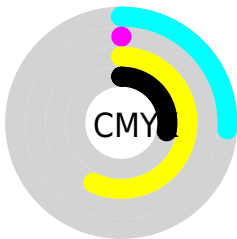
Distribution



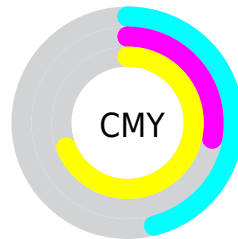
- Red (54%)
- Green (72%)
- Blue (31%)



- Red (31%)
- Yellow (72%)
- Blue (49%)



- Cyan (26%)
- Magenta (0%)
- Yellow (57%)
- Black (28%)



- Cyan (46%)
- Magenta (28%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89B84F 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 89B84F by changing the saturation by 10% instead.



89B84F



89B84F

FFFFFF



6E9D35



C1F083



53831A



DDFF9E



396900



FBFFBA



1F5100



FFFFD6



003900



FFFFFF3



002500



000000



89B84F



89B84F



81B83D



91B861

 79B82A

 99B874

 70B818

 A2B886

 68B805

 AAB899

 66B800

 B2B8AB

 BAB8BD

 C3B8D0

 CBB8E2

 D3B8F5

Harmonies

Analogous

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



BFAA3B



89B84F



38C07B

Triad

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



89B84F



00BBFF



FF7BA4

Complementary

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



89B84F



7E4FB8

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.



F084D8



89B84F



51ADFF

Square

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



89B84F



00C2E4



B799FF



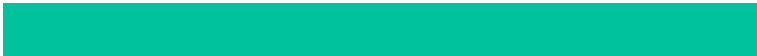
FF8471

Rectangle

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



89B84F



00C39E



B799FF



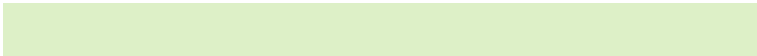
FF7CB6

Sweetspot

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



89B84F



DDF0C7



B87C4F



6D7860



F7F7F7



787878

Same Dimension

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



89B84F



A7F04D



56B84F



585C53



569C00



0F1C00

Inverse Universe

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



7E4FB8



964DF0



B14FB8



57535C



46009C



0D001C

Previews

White Background



This preview shows how the Hex color 89B84F looks on a white background.

Color Contrast Check

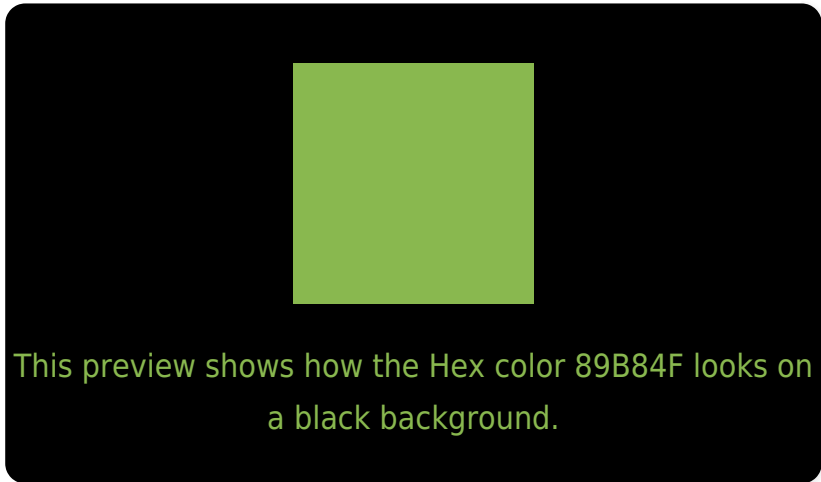
Large Text (above 18pt) WCAG AA × Fail

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 89B84F Background



This preview shows how black text looks on a background with the Hex color 89B84F.

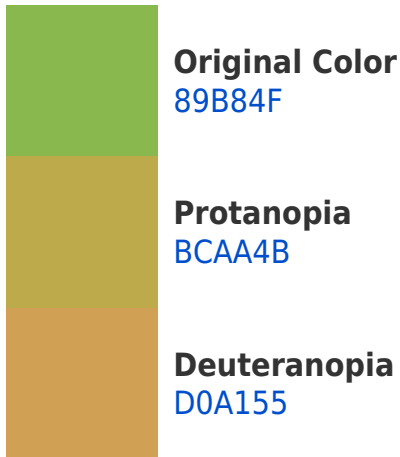


This preview shows how white text looks on a background with the Hex color 89B84F.

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](#).

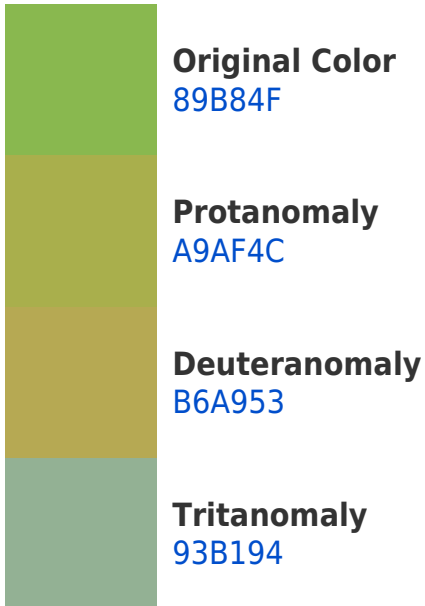
Dichromacy





Tritanopia
98ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89B84F 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 #89B84F looks like.

```
.text, #text, p{  
    color:#89B84F  
}
```

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 #89B84F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B84F
}
```

Border

The CSS property to change the border of an element to Hex 89B84F 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
#89B84F }
```

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

```
.border{ border-color:#89B84F }
```

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

Here you see how a box with a 4 pixel #89B84F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B84F; -webkit-box-shadow:4px 4px  
4px 4px #89B84F; box-shadow:4px 4px 4px  
4px #89B84F }
```

Background

The CSS property to change the background color of an element to Hex 89B84F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B84F }
```

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

```
.background{ background-color:#89B84F }
```

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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