

# Converting Colors

Hex(89B94D)

Have a look what the booklet for  
Hex(89B94D) contains.

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**Color**

**Hex(89B94D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89B94D
RGB	137, 185, 77
RGB Percent	54%, 73%, 30%
CMY	0.4627, 0.2745, 0.6980
CMYK	0.26, 0.00, 0.58, 0.27
HSL	87°, 44%, 51%
HSV	87°, 58%, 73%
XYZ	29.0050, 40.5521, 13.3198
YIQ	158.3360, 6.0600, -43.7640

# Conversions

## Conversions Part 2

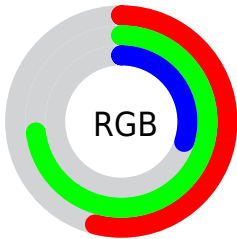
Format	Color
<a href="#">RYB</a>	<a href="#">77, 185, 125</a>
Decimal	<a href="#">9025869</a>
CIELab	<a href="#">69.86, -33.46, 48.75</a>
CIELCh	<a href="#">70, 59.133, 124.466</a>
Yxy	<a href="#">40.5521, 0.3500, 0.4893</a>
Android (android.graphics.Color)	<a href="#">4287215949 (0xFF89B94D)</a>
YUV	<a href="#">158.3360, -40.0986, -18.7117</a>
Hunter-Lab	<a href="#">63.6805, -30.1382, 32.1749</a>

# Details

The Hex color **89B94D** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7D4DB9**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **C1F181**, and **538417** is the 20% darker color. If you saturate the color by 10%, you get **81B93A**, and if you desaturate by 10%, it is **91B960**.

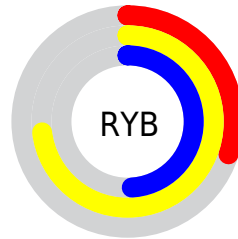
# Distribution



Red (54%)

Green (73%)

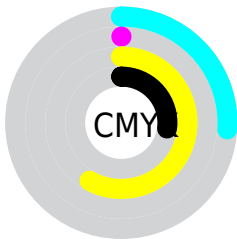
Blue (30%)



Red (30%)

Yellow (73%)

Blue (49%)

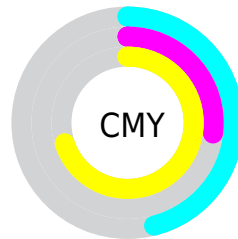


Cyan (26%)

Magenta (0%)

Yellow (58%)

Black (27%)



Cyan (46%)

Magenta (27%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89B94D 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 89B94D by changing the saturation by 10% instead.





89B94D



89B94D

FFFFFF



6E9E33



C1F181



538417



DEFF9D



396A00



FBFFB8



1E5200



FFFFD4



003A00



FFFFFF



002500



000000



89B94D



89B94D



81B93A



91B960

 79B928

 99B972

 70B915

 A2B985

 68B903

 AAB997

 67B900

 B2B9AA

 BAB9BC

 C3B9CE

 CBB9E1

 D3B9F4

# Harmonies

## Analogous

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



C1AB38



89B94D



34C27A

# Triad

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



89B94D



00BCFF



FF7AA5

# Complementary

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



89B94D



7D4DB9

# 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.



F384DA



89B94D



4BAEFF

# Square

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



89B94D



00C4E6



B899FF



FF8371

# Rectangle

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



89B94D



00C49F



B899FF



FF7BB7



# Sweetspot

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



89B94D



DDF0C5



B97C4D



6C785D



F7F7F7



787878



# Same Dimension

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



89B94D



A5F048



54B94D



585C53



569C00



101C00



# Inverse Universe

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



7D4DB9



9248F0



B24DB9



57535C



45009C



0C001C



# Previews

## White Background



This preview shows how the Hex color 89B94D looks on a white background.

## Color Contrast Check

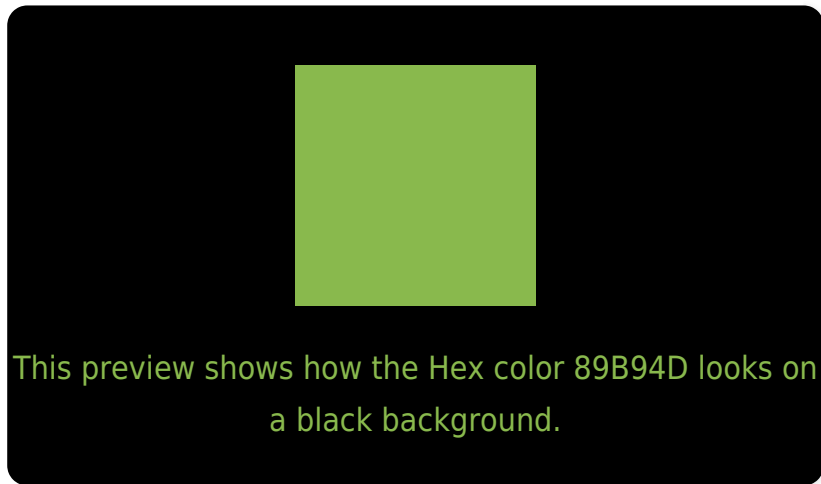
Large Text (above 18pt) WCAG AA × Fail

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 89B94D Background



This preview shows how black text looks on a background with the Hex color 89B94D.



This preview shows how white text looks on a background with the Hex color 89B94D.

# 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**  
89B94D

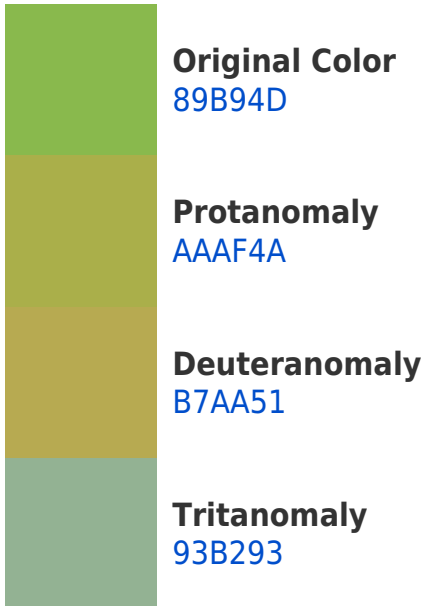
**Protanopia**  
BDAA49

**Deuteranopia**  
D2A253



**Tritanopia**  
98AEBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89B94D 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 #89B94D looks like.

```
.text, #text, p{  
    color:#89B94D  
}
```

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 #89B94D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B94D
}
```

## Border

The CSS property to change the border of an element to Hex 89B94D 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
#89B94D }
```

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

```
.border{ border-color:#89B94D }
```

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

Here you see how a box with a 4 pixel #89B94D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B94D; -webkit-box-shadow:4px 4px  
4px 4px #89B94D; box-shadow:4px 4px 4px  
4px #89B94D }
```

# Background

The CSS property to change the background color of an element to Hex 89B94D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B94D }
```

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

```
.background{ background-color:#89B94D }
```

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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