

Converting Colors

Hex(89AD4B)

Have a look what the booklet for
Hex(89AD4B) contains.

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Color

Hex(89AD4B)

Conversions

Conversions Part 1

Format	Color
Hex	89AD4B
RGB	137, 173, 75
RGB Percent	54%, 68%, 29%
CMY	0.4627, 0.3216, 0.7059
CMYK	0.21, 0.00, 0.57, 0.32
HSL	82°, 40%, 49%
HSV	82°, 57%, 68%
XYZ	26.5301, 35.7135, 12.1517
YIQ	151.0640, 10.0020, -38.1100

Conversions

Conversions Part 2

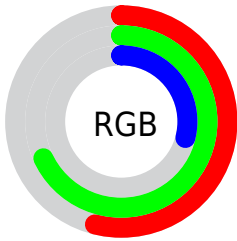
Format	Color
RYB	75, 173, 111
Decimal	9022795
CIELab	66.30, -27.98, 45.61
CIELCh	66, 53.503, 121.528
Yxy	35.7135, 0.3566, 0.4801
Android (android.graphics.Color)	4287212875 (0xFF89AD4B)
YUV	151.0640, -37.4996, -12.3341
Hunter-Lab	59.7608, -25.3384, 29.7765

Details

The Hex color **89AD4B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6F4BAD**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C0E57F**, and **547816** is the 20% darker color. If you saturate the color by 10%, you get **83AD3A**, and if you desaturate by 10%, it is **8FAD5C**.

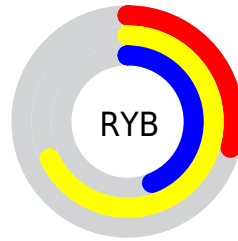
Distribution



Red (54%)

Green (68%)

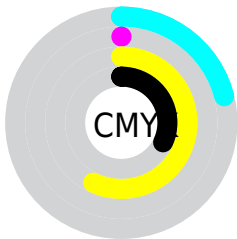
Blue (29%)



Red (29%)

Yellow (68%)

Blue (44%)

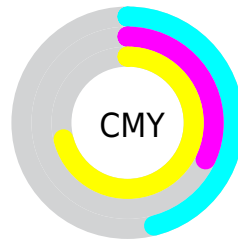


Cyan (21%)

Magenta (0%)

Yellow (57%)

Black (32%)



Cyan (46%)

Magenta (32%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89AD4B 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 89AD4B by changing the saturation by 10% instead.



89AD4B



89AD4B

FFFFFF



6E9232



C0E57F



547816



DDFF9A



3A6000



FAFFB5



224700



FFFFD1



023100



FFFEE



001E00



000000



89AD4B



89AD4B



83AD3A



8FAD5C

 7CAD28

 96AD6E

 76AD17

 9CAD7F

 70AD06

 A2AD90

 6DAD00

 A9ADA2

 AFADB3

 B5ADC4

 BCADD5

 C2ADE7

Harmonies

Analogous

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



BA9F3C



89AD4B



46B571

Triad

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



89AD4B



00B2F5



F877A1

Complementary

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



89AD4B



6F4BAD

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.



DE81D0



89AD4B



44A6FF

Square

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



89AD4B



00B8D2



A794F3



F77D72

Rectangle

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



89AD4B



00B891



A794F3



F379B1

Sweetspot

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



89AD4B



D2E0BA



AD6F4B



68705A



F0F0F0



707070

Same Dimension

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



89AD4B



A8E048



58AD4B



54574E



5F9600



0F1700

Inverse Universe

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



6F4BAD



8048E0



A04BAD



514E57



370096



080017

Previews

White Background



This preview shows how the Hex color 89AD4B looks on a white background.

Color Contrast Check

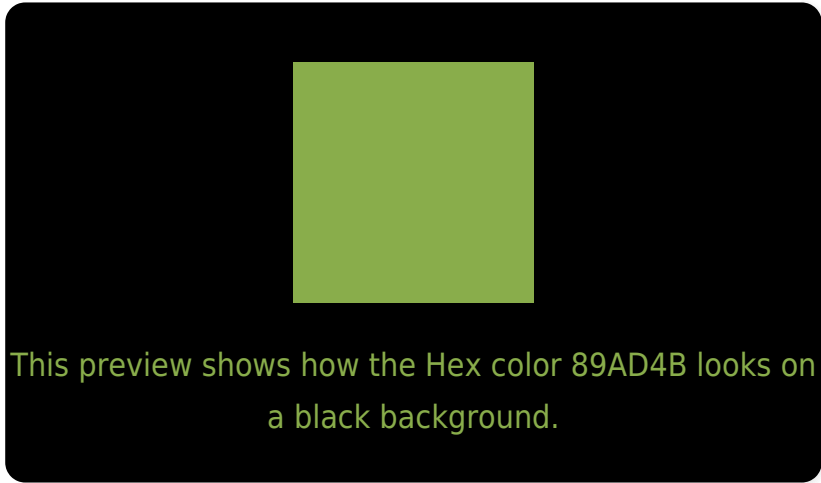
Large Text (above 18pt) WCAG AA × Fail

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 89AD4B Background



This preview shows how black text looks on a background with the Hex color 89AD4B.



This preview shows how white text looks on a background with the Hex color 89AD4B.

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
89AD4B

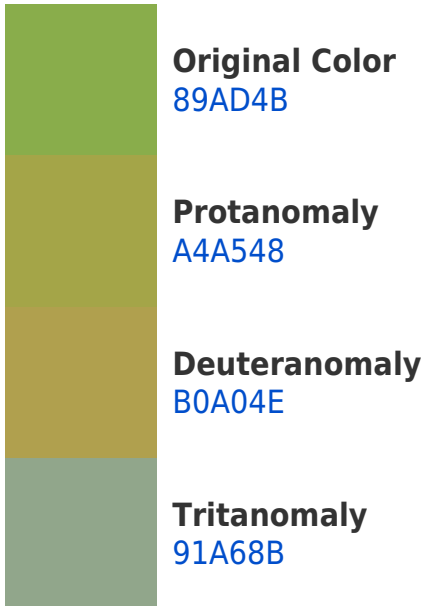
Protanopia
B3A147

Deuteranopia
C69950

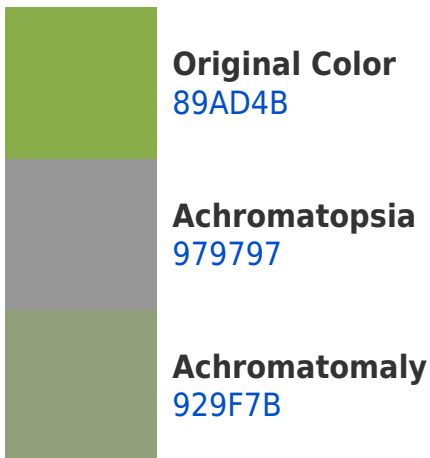


Tritanopia
96A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89AD4B 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 #89AD4B looks like.

```
.text, #text, p{  
    color:#89AD4B  
}
```

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 #89AD4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89AD4B
}
```

Border

The CSS property to change the border of an element to Hex 89AD4B 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
#89AD4B }
```

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

```
.border{ border-color:#89AD4B }
```

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

Here you see how a box with a 4 pixel #89AD4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89AD4B; -webkit-box-shadow:4px 4px  
4px 4px #89AD4B; box-shadow:4px 4px 4px  
4px #89AD4B }
```

Background

The CSS property to change the background color of an element to Hex 89AD4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89AD4B }
```

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

```
.background{ background-color:#89AD4B }
```

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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