

Converting Colors

Hex(89B542)

Have a look what the booklet for
Hex(89B542) contains.

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Color

Hex(89B542)

Conversions

Conversions Part 1

Format	Color
Hex	89B542
RGB	137, 181, 66
RGB Percent	54%, 71%, 26%
CMY	0.4627, 0.2902, 0.7412
CMYK	0.24, 0.00, 0.64, 0.29
HSL	83°, 47%, 48%
HSV	83°, 64%, 71%
XYZ	27.8238, 38.7595, 11.1691
YIQ	154.7340, 10.6910, -45.0930

Conversions

Conversions Part 2

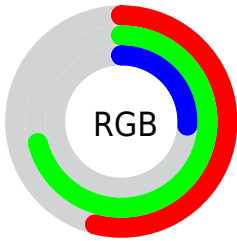
Format	Color
RYB	66, 181, 110
Decimal	9024834
CIELab	68.58, -32.56, 52.20
CIELCh	69, 61.522, 121.956
Yxy	38.7595, 0.3579, 0.4985
Android (android.graphics.Color)	4287214914 (0xFF89B542)
YUV	154.7340, -43.7459, -15.5527
Hunter-Lab	62.2571, -29.1752, 32.9432

Details

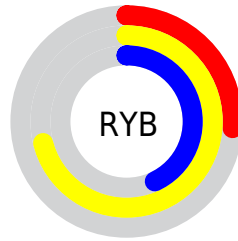
The Hex color **89B542** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **6E42B5**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **C1ED77**, and **538003** is the 20% darker color. If you saturate the color by 10%, you get **82B530**, and if you desaturate by 10%, it is **90B554**.

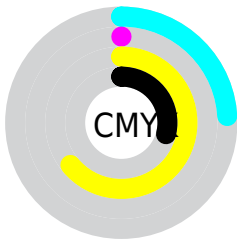
Distribution



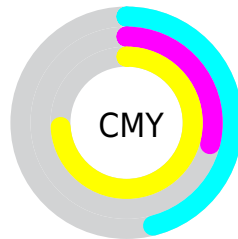
- Red (54%)
- Green (71%)
- Blue (26%)



- Red (26%)
- Yellow (71%)
- Blue (43%)



- Cyan (24%)
- Magenta (0%)
- Yellow (64%)
- Black (29%)



- Cyan (46%)
- Magenta (29%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89B542 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 89B542 by changing the saturation by 10% instead.



89B542



89B542

FFFFFF



6E9A27



C1ED77



538003



DEFF92



386700



FBFFAD



1E4E00



FFFFCA



003700



FFFFE6



002300



000000



89B542



89B542



82B530



90B554

 7BB51E

 97B566

 74B50C

 9EB578

 70B500

 A5B58A

 ACB59D

 B3B5AF

 B9B5C1

 C0B5D3

 C7B5E5

Harmonies

Analogous

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



C2A62E



89B542



32BE70

Triad

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



89B542



00BAFF



FF74A6

Complementary

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



89B542



6E42B5

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.



EE80DD



89B542



20ACFF

Square

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



89B542



00C1E1



AD97FF



FF7C70

Rectangle

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



89B542



00C196



AD97FF



FF76B9

Sweetspot

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



89B542



DAEBBE



B56C42



6B755A



F5F5F5



757575

Same Dimension

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



89B542



A6EB38



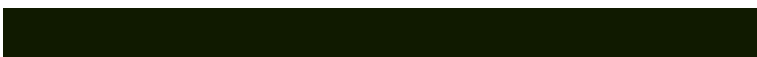
51B542



565950



5E9900



101A00

Inverse Universe

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



6E42B5



7D38EB



A642B5



545059



3B0099



0A001A

Previews

White Background



This preview shows how the Hex color 89B542 looks on a white background.

Color Contrast Check

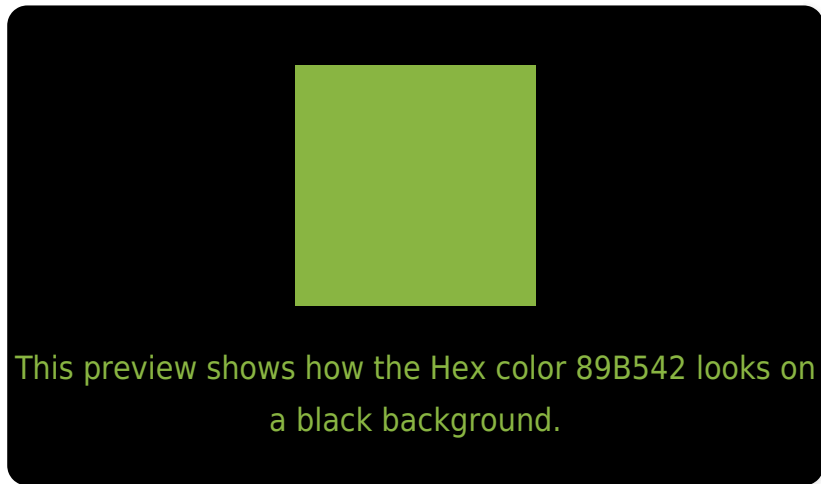
Large Text (above 18pt) WCAG AA × Fail

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 89B542 Background



This preview shows how black text looks on a background with the Hex color 89B542.

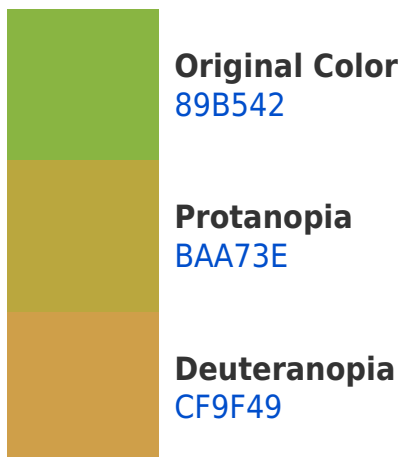


This preview shows how white text looks on a background with the Hex color 89B542.

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](#).

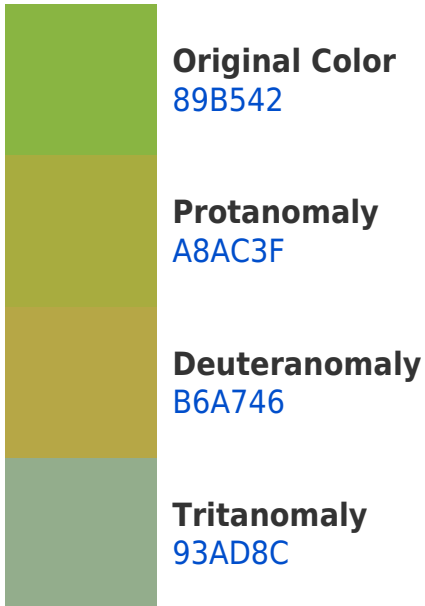
Dichromacy



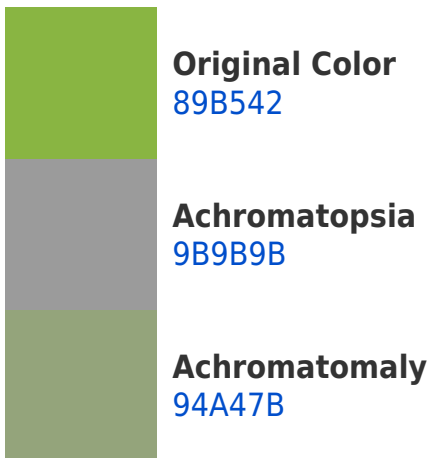


Tritanopia
98A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89B542 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 #89B542 looks like.

```
.text, #text, p{  
    color:#89B542  
}
```

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 #89B542 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B542
}
```

Border

The CSS property to change the border of an element to Hex 89B542 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
#89B542 }
```

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

```
.border{ border-color:#89B542 }
```

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

Here you see how a box with a 4 pixel #89B542 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B542; -webkit-box-shadow:4px 4px  
4px 4px #89B542; box-shadow:4px 4px 4px  
4px #89B542 }
```

Background

The CSS property to change the background color of an element to Hex 89B542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B542 }
```

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

```
.background{ background-color:#89B542 }
```

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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