

# Converting Colors

Hex(8AB833)

Have a look what the booklet for  
Hex(8AB833) contains.

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**Color**

**Hex(8AB833)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AB833
RGB	138, 184, 51
RGB Percent	54%, 72%, 20%
CMY	0.4588, 0.2784, 0.8000
CMYK	0.25, 0.00, 0.72, 0.28
HSL	81°, 57%, 46%
HSV	81°, 72%, 72%
XYZ	28.2193, 39.9233, 9.3506
YIQ	155.0840, 15.2770, -51.1150

# Conversions

## Conversions Part 2

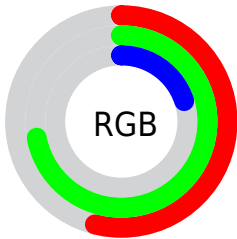
Format	Color
<a href="#">RYB</a>	<a href="#">51, 184, 97</a>
Decimal	<a href="#">9091123</a>
CIELab	<a href="#">69.41, -34.61, 59.03</a>
CIELCh	<a href="#">69, 68.426, 120.383</a>
Yxy	<a href="#">39.9233, 0.3642, 0.5152</a>
Android (android.graphics.Color)	<a href="#">4287281203 (0xFF8AB833)</a>
YUV	<a href="#">155.0840, -51.3134, -14.9827</a>
Hunter-Lab	<a href="#">63.1849, -30.8529, 35.4552</a>

# Details

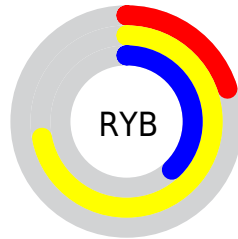
The Hex color **8AB833** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **6133B8**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **C3F06A**, and **538300** is the 20% darker color. If you saturate the color by 10%, you get **84B821**, and if you desaturate by 10%, it is **90B845**.

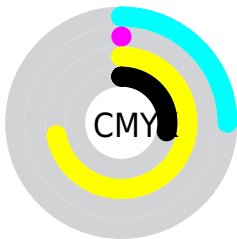
# Distribution



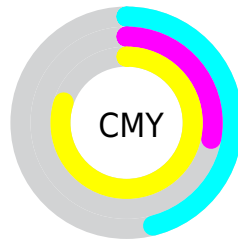
- Red (54%)
- Green (72%)
- Blue (20%)



- Red (20%)
- Yellow (72%)
- Blue (38%)



- Cyan (25%)
- Magenta (0%)
- Yellow (72%)
- Black (28%)



- Cyan (46%)
- Magenta (28%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AB833 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 8AB833 by changing the saturation by 10% instead.



 8AB833

 8AB833

FFFFFF

 6E9D11

 C3F06A

 538300

 E0FF85

 386900

 FDFFA1

 1B5100

 FFFFBD

 003900

 FFFFDA

 002500

 FFFFF7

 000000

 8AB833

 8AB833

 84B821

 90B845

 7DB80E

 97B858

 78B800

 9DB86A

 A3B87D

 AAB88F

 B0B8A1

 B7B8B4

 BDB8C6

 C3B8D9

# Harmonies

## Analogous

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



C8A71A



8AB833



1DC269

# Triad

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



8AB833



00BFFF



FF6DAB

# Complementary

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



8AB833



6133B8

# 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.



F57DE8



8AB833



00B0FF

# Square

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



8AB833



00C6E7



AA99FF



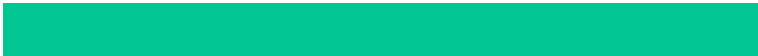
FF766E

# Rectangle

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



8AB833



00C693



AA99FF



FF70C0



# Sweetspot

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



8AB833



DDF0BB



B85F33



6D7859



F7F7F7



787878



# Same Dimension

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



8AB833



A8F01F



49B833



595C53



669C00



121C00



# Inverse Universe

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



6133B8



671FF0



A233B8



56535C



36009C



0A001C



# Previews

## White Background



This preview shows how the Hex color 8AB833 looks on a white background.

## Color Contrast Check

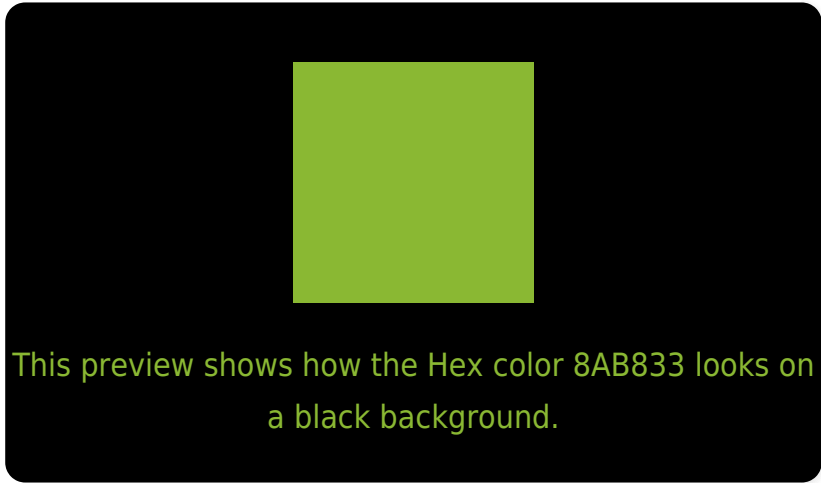
Large Text (above 18pt) WCAG AA × Fail

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 8AB833 Background



This preview shows how black text looks on a background with the Hex color 8AB833.

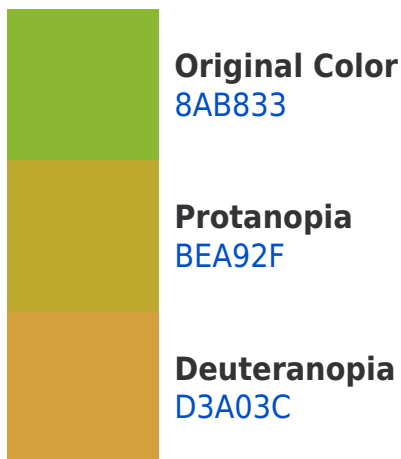


This preview shows how white text looks on a background with the Hex color 8AB833.

# 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**  
9AACB9

# Trichromacy



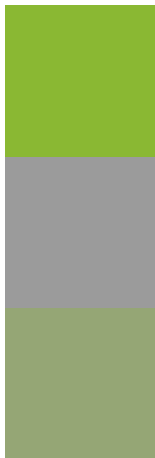
**Original Color**  
8AB833

**Protanomaly**  
ABAE30

**Deuteranomaly**  
B8A939

**Tritanomaly**  
94B088

# Monochromacy



**Original Color**  
8AB833

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
95A675

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AB833 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 #8AB833 looks like.

```
.text, #text, p{  
    color:#8AB833  
}
```

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 #8AB833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AB833
}
```

## Border

The CSS property to change the border of an element to Hex 8AB833 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
#8AB833 }
```

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

```
.border{ border-color:#8AB833 }
```

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

Here you see how a box with a 4 pixel #8AB833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AB833; -webkit-box-shadow:4px 4px  
4px 4px #8AB833; box-shadow:4px 4px 4px  
4px #8AB833 }
```

# Background

The CSS property to change the background color of an element to Hex 8AB833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AB833 }
```

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

```
.background{ background-color:#8AB833 }
```

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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