

# Converting Colors

Hex(8BB450)

Have a look what the booklet for  
Hex(8BB450) contains.

<b>Hex(8BB450)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8BB450)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8BB450
RGB	139, 180, 80
RGB Percent	55%, 71%, 31%
CMY	0.4549, 0.2941, 0.6863
CMYK	0.23, 0.00, 0.56, 0.29
HSL	85°, 40%, 51%
HSV	85°, 56%, 71%
XYZ	28.4167, 38.7107, 13.5636
YIQ	156.3410, 7.6640, -39.7920

# Conversions

## Conversions Part 2

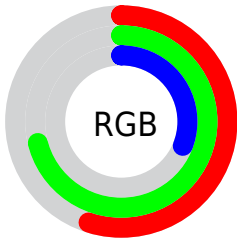
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 180, 121
Decimal	9155664
CIELab	68.54, -30.07, 45.88
CIELCh	69, 54.850, 123.241
Yxy	38.7107, 0.3522, 0.4797
Android (android.graphics.Color)	4287345744 (0xFF8BB450)
YUV	156.3410, -37.6361, -15.2081
Hunter-Lab	62.2179, -27.3553, 30.6272

# Details

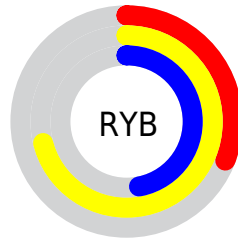
The Hex color **8BB450** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7950B4**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **C3EC84**, and **567F1C** is the 20% darker color. If you saturate the color by 10%, you get **84B43E**, and if you desaturate by 10%, it is **92B462**.

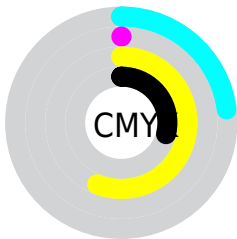
# Distribution



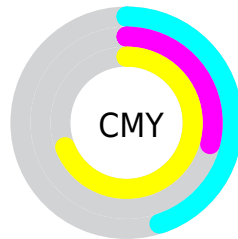
- Red (55%)
- Green (71%)
- Blue (31%)



- Red (31%)
- Yellow (71%)
- Blue (47%)



- Cyan (23%)
- Magenta (0%)
- Yellow (56%)
- Black (29%)



- Cyan (45%)
- Magenta (29%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BB450 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 8BB450 by changing the saturation by 10% instead.





8BB450



8BB450

FFFFFF



709936



C3EC84



567F1C



DFFF9F



3C6600



FCFFBB



234D00



FFFFD7



023600



FFFFF4



002200



000000



8BB450



8BB450



84B43E



92B462

 7CB42C

 9AB474

 75B41A

 A1B486

 6DB408

 A9B498

 6AB400

 B0B4AA

 B7B4BC

 BFB4CE

 C6B4E0

 CDB4F2

# Harmonies

## Analogous

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



BEA63F



8BB450



44BC79

# Triad

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



8BB450



00B8FF



FF7CA4

# Complementary

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



8BB450



7950B4

# 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.



E885D5



8BB450



50ABFF

# Square

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



8BB450



00BFDC



B198FA



FF8374

# Rectangle

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



8BB450



00BF9A



B198FA



FC7DB5

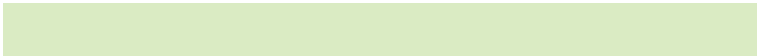


# Sweetspot

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



8BB450



DAEBC3



B47850



6C755E



F5F5F5



757575



# Same Dimension

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



8BB450



AAEB4D



5AB450



565950



5A9900



0F1A00



# Inverse Universe

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



7950B4



8E4DEB



AA50B4



545059



3F0099



0A001A



# Previews

## White Background



This preview shows how the Hex color 8BB450 looks on a white background.

## Color Contrast Check

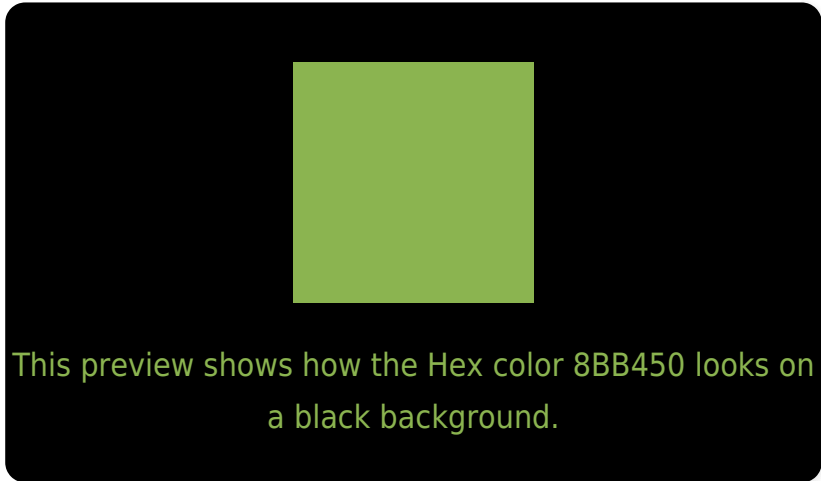
Large Text (above 18pt) WCAG AA × Fail

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 8BB450 Background



This preview shows how black text looks on a background with the Hex color 8BB450.

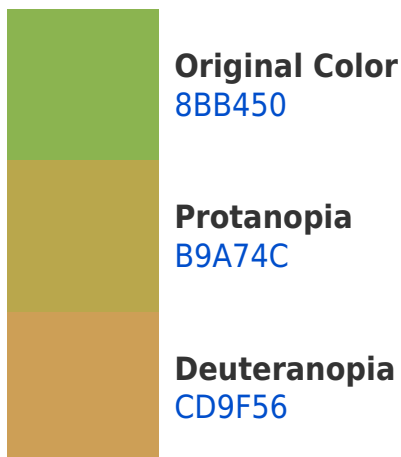


This preview shows how white text looks on a background with the Hex color 8BB450.

# 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**  
99A9B7

# Trichromacy



**Original Color**  
8BB450

**Protanomaly**  
A8AC4D

**Deuteranomaly**  
B5A754

**Tritanomaly**  
94AD92

# Monochromacy



**Original Color**  
8BB450

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
96A580

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BB450 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 #8BB450 looks like.

```
.text, #text, p{  
    color:#8BB450  
}
```

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 #8BB450 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BB450
}
```

## Border

The CSS property to change the border of an element to Hex 8BB450 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
#8BB450 }
```

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

```
.border{ border-color:#8BB450 }
```

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

Here you see how a box with a 4 pixel #8BB450 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BB450; -webkit-box-shadow:4px 4px  
4px 4px #8BB450; box-shadow:4px 4px 4px  
4px #8BB450 }
```

# Background

The CSS property to change the background color of an element to Hex 8BB450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BB450 }
```

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

```
.background{ background-color:#8BB450 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor