

# Converting Colors

Hex(8BB441)

Have a look what the booklet for  
Hex(8BB441) contains.

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**Color**

**Hex(8BB441)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BB441
RGB	139, 180, 65
RGB Percent	55%, 71%, 25%
CMY	0.4549, 0.2941, 0.7451
CMYK	0.23, 0.00, 0.64, 0.29
HSL	81°, 47%, 48%
HSV	81°, 64%, 71%
XYZ	27.9229, 38.5131, 10.9631
YIQ	154.6310, 12.4790, -44.4570

# Conversions

## Conversions Part 2

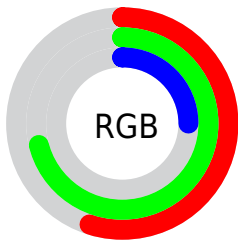
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 180, 106
Decimal	9155649
CIELab	68.40, -31.39, 52.47
CIELCh	68, 61.143, 120.894
Yxy	38.5131, 0.3608, 0.4976
Android (android.graphics.Color)	4287345729 (0xFF8BB441)
YUV	154.6310, -44.1881, -13.7084
Hunter-Lab	62.0590, -28.2887, 32.9673

# Details

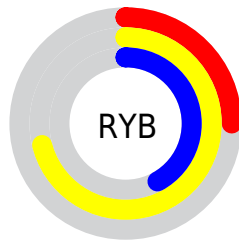
The Hex color **8BB441** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **6A41B4**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **C3EC76**, and **557F01** is the 20% darker color. If you saturate the color by 10%, you get **85B42F**, and if you desaturate by 10%, it is **91B453**.

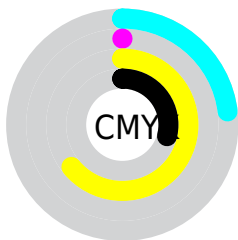
# Distribution



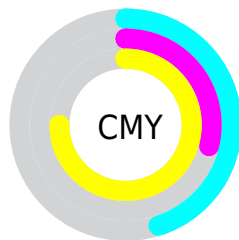
- Red (55%)
- Green (71%)
- Blue (25%)



- Red (25%)
- Yellow (71%)
- Blue (42%)



- Cyan (23%)
- Magenta (0%)
- Yellow (64%)
- Black (29%)



- Cyan (45%)
- Magenta (29%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BB441 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 8BB441 by changing the saturation by 10% instead.





8BB441



8BB441

FFFFFF



709926



C3EC76



557F01



E0FF91



3B6600



FDFAC



204D00



FFF9C9



003600



FFF9E5



002200



000000



8BB441



8BB441



85B42F



91B453

 7EB41D

 98B465

 78B40B

 9EB477

 74B400

 A5B489

 ABB49B

 B2B4AD

 B8B4BF

 BEB4D1

 C5B4E3

# Harmonies

## Analogous

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



C3A52F



8BB441



38BD6E

# Triad

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



8BB441



00BAFF



FF74A7

# Complementary

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



8BB441



6A41B4

# 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.



EB81DD



8BB441



0FACFF

# Square

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



8BB441



00C1DE



AA97FF



FF7B71

# Rectangle

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



8BB441



00C193



AA97FF



FF76BA



# Sweetspot

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



8BB441



DBEBBE



B46941



6C755A



F5F5F5



757575



# Same Dimension

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



8BB441



AAEB36



52B441



565950



629900



101A00



# Inverse Universe

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



6A41B4



7636EB



A341B4



545059



370099



09001A



# Previews

## White Background



This preview shows how the Hex color 8BB441 looks on a white background.

## Color Contrast Check

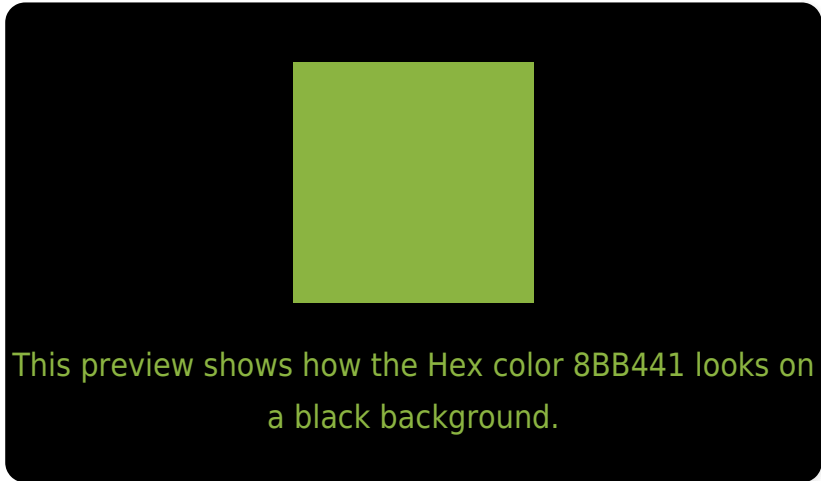
Large Text (above 18pt) WCAG AA × Fail

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 8BB441 Background



This preview shows how black text looks on a background with the Hex color 8BB441.

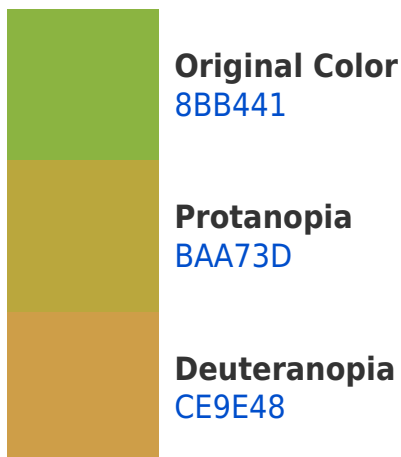


This preview shows how white text looks on a background with the Hex color 8BB441.

# 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**  
99A8B6

# Trichromacy



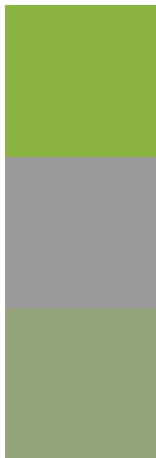
**Original Color**  
8BB441

**Protanomaly**  
A9AC3E

**Deuteranomaly**  
B6A645

**Tritanomaly**  
94AC8B

# Monochromacy



**Original Color**  
8BB441

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
95A47A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BB441 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 #8BB441 looks like.

```
.text, #text, p{  
    color:#8BB441  
}
```

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 #8BB441 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BB441
}
```

## Border

The CSS property to change the border of an element to Hex 8BB441 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
#8BB441 }
```

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

```
.border{ border-color:#8BB441 }
```

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

Here you see how a box with a 4 pixel #8BB441 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BB441; -webkit-box-shadow:4px 4px  
4px 4px #8BB441; box-shadow:4px 4px 4px  
4px #8BB441 }
```

# Background

The CSS property to change the background color of an element to Hex 8BB441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BB441 }
```

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

```
.background{ background-color:#8BB441 }
```

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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