

# Converting Colors

Hex(8BB600)

Have a look what the booklet for  
Hex(8BB600) contains.

<b>Hex(8BB600)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(8BB600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BB600
RGB	139, 182, 0
RGB Percent	55%, 71%, 0%
CMY	0.4549, 0.2863, 1.0000
CMYK	0.24, 0.00, 1.00, 0.29
HSL	74°, 100%, 36%
HSV	74°, 100%, 71%
XYZ	27.3754, 38.9449, 6.0743
YIQ	148.3950, 32.7940, -65.7180

# Conversions

## Conversions Part 2

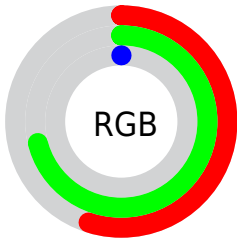
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 182, 43</a>
Decimal	<a href="#">9156096</a>
CIELab	<a href="#">68.71, -34.93, 69.63</a>
CIELCh	<a href="#">69, 77.906, 116.643</a>
Yxy	<a href="#">38.9449, 0.3781, 0.5380</a>
Android (android.graphics.Color)	<a href="#">4287346176</a> (0xFF8BB600)
YUV	<a href="#">148.3950, -73.1587, -8.2394</a>
Hunter-Lab	<a href="#">62.4058, -30.9080, 37.9131</a>

# Details

The Hex color **8BB600** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **2B00B6**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **C5EE4E**, and **538100** is the 20% darker color. If you saturate the color by 10%, you get **8BB600**, and if you desaturate by 10%, it is **8FB612**.

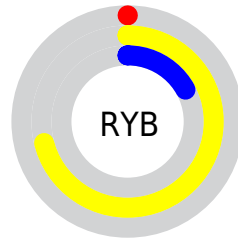
# Distribution



Red (55%)

Green (71%)

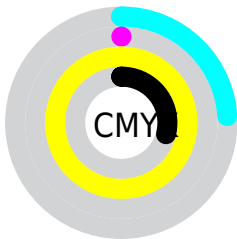
Blue (0%)



Red (0%)

Yellow (71%)

Blue (17%)

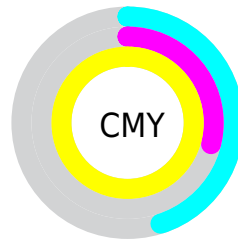


Cyan (24%)

Magenta (0%)

Yellow (100%)

Black (29%)



Cyan (45%)

Magenta (29%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BB600 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 8BB600 by changing the saturation by 10% instead.



 8BB600

 8BB600

FFFFFF

 6F9B00

 C5EE4E

 538100

 E2FF6B

 376800

 FFFF87

 174F00

 FFFFA3

 003800

 FFFFC0

 002400

 FFFFDD

 000000

 FFFFFB

 8BB600

 8FB612

 94B624

 98B637

 9CB649

 A1B65B

 A5B66D

 A9B67F

 ADB692

 B2B6A4

# Harmonies

## Analogous

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



CFA200



8BB600



00C255

# Triad

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



8BB600



00C2FF



FF5DB3

# Complementary

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



8BB600



2B00B6

# 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.



F476F6



8BB600



00B3FF

# Square

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



8BB600



00C7E5



9498FF



FF666D

# Rectangle

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



8BB600



00C685



9498FF



FF63CA

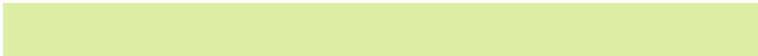


# Sweetspot

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



8BB600



DCEDA6



B62A00



6E784D



F7F7F7



787878



# Same Dimension

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



8BB600



B5ED00



31B600



5A5C53



779C00



151C00



# Inverse Universe

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



2B00B6



3800ED



8500B6



55535C



25009C



07001C



# Previews

## White Background



This preview shows how the Hex color 8BB600 looks on a white background.

## Color Contrast Check

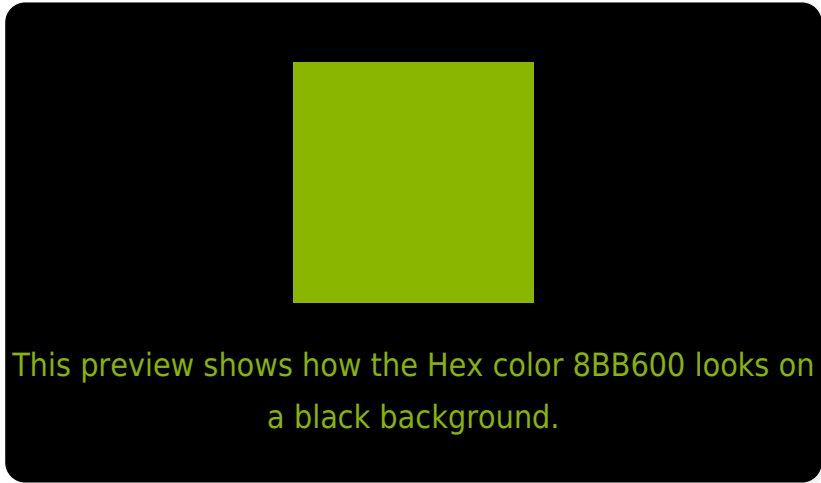
Large Text (above 18pt) WCAG AA × Fail

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 8BB600 Background



This preview shows how black text looks on a background with the Hex color 8BB600.

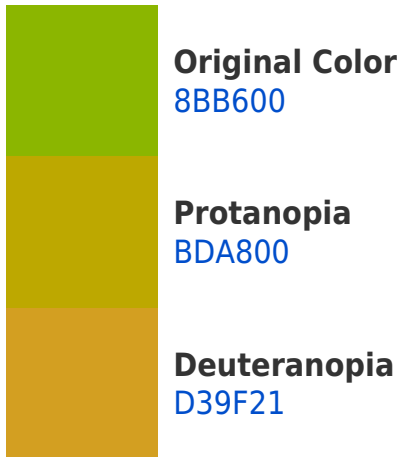


This preview shows how white text looks on a background with the Hex color 8BB600.

# 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**  
9BA9B7

# Trichromacy



**Original Color**  
8BB600

**Protanomaly**  
ABAD00

**Deuteranomaly**  
B9A715

**Tritanomaly**  
95AE74

# Monochromacy



**Original Color**  
8BB600

**Achromatopsia**  
949494

**Achromatomaly**  
91A05E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BB600 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 #8BB600 looks like.

```
.text, #text, p{  
    color:#8BB600  
}
```

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 #8BB600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BB600
}
```

## Border

The CSS property to change the border of an element to Hex 8BB600 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
#8BB600 }
```

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

```
.border{ border-color:#8BB600 }
```

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

Here you see how a box with a 4 pixel #8BB600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BB600; -webkit-box-shadow:4px 4px  
4px 4px #8BB600; box-shadow:4px 4px 4px  
4px #8BB600 }
```

# Background

The CSS property to change the background color of an element to Hex 8BB600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BB600 }
```

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

```
.background{ background-color:#8BB600 }
```

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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