

Converting Colors

Hex(88AA03)

Have a look what the booklet for
Hex(88AA03) contains.

Hex(88AA03)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(88AA03)

Conversions

Conversions Part 1

Format	Color
Hex	88AA03
RGB	136, 170, 3
RGB Percent	53%, 67%, 1%
CMY	0.4667, 0.3333, 0.9882
CMYK	0.20, 0.00, 0.98, 0.33
HSL	72°, 97%, 34%
HSV	72°, 98%, 67%
XYZ	24.5445, 33.9903, 5.3533
YIQ	140.7960, 33.3430, -59.1450

Conversions

Conversions Part 2

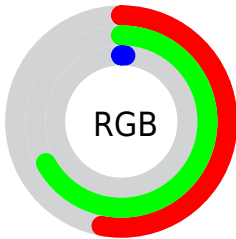
Format	Color
RYB	3, 170, 37
Decimal	8956419
CIELab	64.95, -30.54, 66.31
CIELCh	65, 73.005, 114.731
Yxy	33.9903, 0.3842, 0.5320
Android (android.graphics.Color)	4287146499 (0xFF88AA03)
YUV	140.7960, -67.9334, -4.2061
Hunter-Lab	58.3012, -26.8794, 35.3667

Details

The Hex color **88AA03** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2503AA**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **C1E14D**, and **517600** is the 20% darker color. If you saturate the color by 10%, you get **87AA00**, and if you desaturate by 10%, it is **8BAA14**.

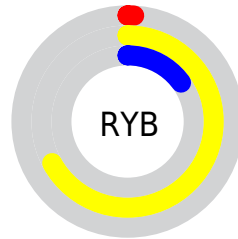
Distribution



Red (53%)

Green (67%)

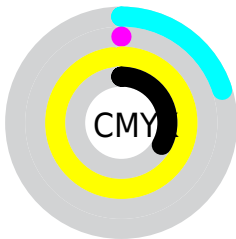
Blue (1%)



Red (1%)

Yellow (67%)

Blue (15%)

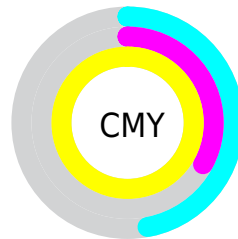


Cyan (20%)

Magenta (0%)

Yellow (98%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88AA03 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 88AA03 by changing the saturation by 10% instead.



88AA03



88AA03

FFFFFF



6C8F00



C1E14D



517600



DEFE69



365D00



FCFF85



184500



FFFFA1



002E00



FFFFBD



001A00



FFFFDA



000000



FFFFF7



88AA03



88AA03

■ 87AA00

■ 8BAA14

■ 8FAA25

■ 92AA36

■ 96AA47

■ 99AA58

■ 9DAA69

■ A0AA7A

■ A4AA8B

■ A7AA9C

Harmonies

Analogous

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



C69700



88AA03



1CB54D

Triad

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



88AA03



00B6FF



FF5AAC

Complementary

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



88AA03



2503AA

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.



E172EA



88AA03



00A9FF

Square

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



88AA03



00BBD3



8491FF



FF606B

Rectangle

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



88AA03



00BA79



8491FF



FF60C2

Sweetspot

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



88AA03



D1DE9E



AA2403



687049



F0F0F0



707070

Same Dimension

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



88AA03



B1DE00



35AA03



52544C



769400



101400

Inverse Universe

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



2503AA



2D00DE



7803AA



4D4C54



1E0094



040014

Previews

White Background



This preview shows how the Hex color 88AA03 looks on a white background.

Color Contrast Check

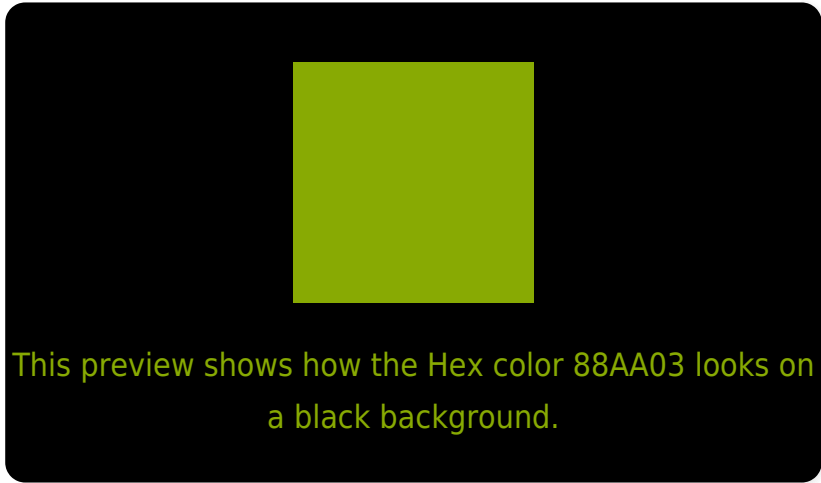
Large Text (above 18pt) WCAG AA × Fail

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 88AA03 Background



This preview shows how black text looks on a background with the Hex color 88AA03.



This preview shows how white text looks on a background with the Hex color 88AA03.

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



Original Color
88AA03

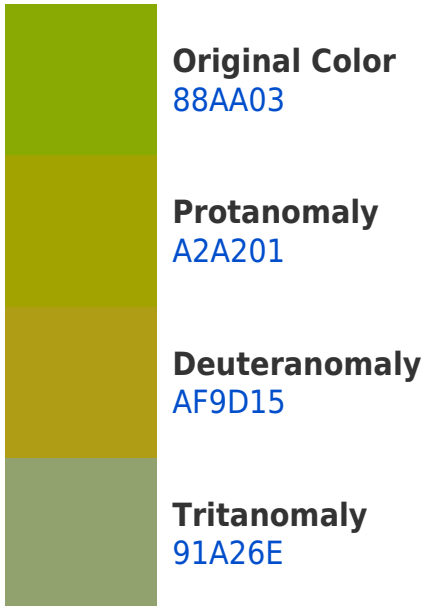
Protanopia
B19E00

Deuteranopia
C6951F

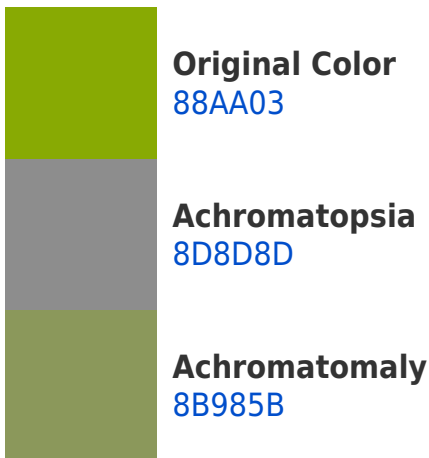


Tritanopia
969EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 88AA03 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 #88AA03 looks like.

```
.text, #text, p{  
    color:#88AA03  
}
```

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 #88AA03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88AA03
}
```

Border

The CSS property to change the border of an element to Hex 88AA03 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
#88AA03 }
```

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

```
.border{ border-color:#88AA03 }
```

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

Here you see how a box with a 4 pixel #88AA03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88AA03; -webkit-box-shadow:4px 4px  
4px 4px #88AA03; box-shadow:4px 4px 4px  
4px #88AA03 }
```

Background

The CSS property to change the background color of an element to Hex 88AA03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88AA03 }
```

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

```
.background{ background-color:#88AA03 }
```

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