

Converting Colors

Hex(8AA338)

Have a look what the booklet for
Hex(8AA338) contains.

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Color

Hex(8AA338)

Conversions

Conversions Part 1

Format	Color
Hex	8AA338
RGB	138, 163, 56
RGB Percent	54%, 64%, 22%
CMY	0.4588, 0.3608, 0.7804
CMYK	0.15, 0.00, 0.66, 0.36
HSL	74°, 49%, 43%
HSV	74°, 66%, 64%
XYZ	24.2922, 31.8832, 8.6151
YIQ	143.3270, 19.4470, -38.5770

Conversions

Conversions Part 2

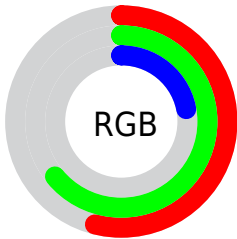
Format	Color
RYB	56, 163, 81
Decimal	9085752
CIELab	63.25, -24.27, 50.77
CIELCh	63, 56.274, 115.551
Yxy	31.8832, 0.3749, 0.4921
Android (android.graphics.Color)	4287275832 (0xFF8AA338)
YUV	143.3270, -43.0522, -4.6718
Hunter-Lab	56.4652, -22.0205, 30.4795

Details

The Hex color **8AA338** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5138A3**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **C2DA6C**, and **556F00** is the 20% darker color. If you saturate the color by 10%, you get **86A328**, and if you desaturate by 10%, it is **8EA348**.

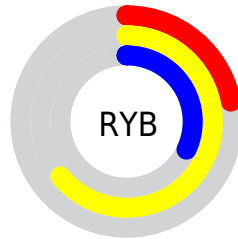
Distribution



Red (54%)

Green (64%)

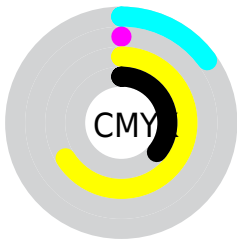
Blue (22%)



Red (22%)

Yellow (64%)

Blue (32%)

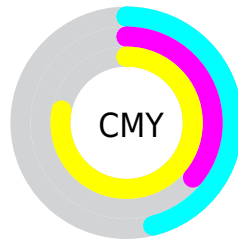


Cyan (15%)

Magenta (0%)

Yellow (66%)

Black (36%)



Cyan (46%)

Magenta (36%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AA338 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 8AA338 by changing the saturation by 10% instead.



8AA338



8AA338

FFFFFF



6F891C



C2DA6C



556F00



DFF687



3B5700



FCFFA2



213F00



FFFFBE



042900



FFFFDA



001300



FFFFF7



000000



8AA338



8AA338



86A328



8EA348

■ 82A317

■ 92A359

■ 7FA307

■ 95A369

■ 7DA300

■ 99A379

■ 9DA38A

■ A1A39A

■ A5A3AA

■ A8A3BA

■ ACA3CB

Harmonies

Analogous

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



BB942E



8AA338



48AC5E

Triad

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



8AA338



00ACEB



F06CA3

Complementary

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



8AA338



5138A3

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.



CF7AD2



8AA338



00A1FD

Square

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



8AA338



00B1C3



8E8FF4



F47071

Rectangle

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



8AA338



00B07E



8E8FF4



E86FB3

Sweetspot

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



8AA338



CAD4A9



A35138



656B51



EBEBEB



6B6B6B

Same Dimension

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



8AA338



ADD42C



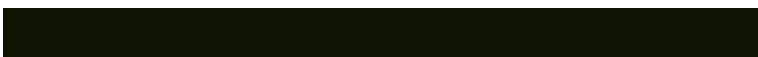
55A338



505249



6F9100



0E1200

Inverse Universe

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



5138A3



542CD4



8638A3



4B4952



220091



040012

Previews

White Background



This preview shows how the Hex color 8AA338 looks on a white background.

Color Contrast Check

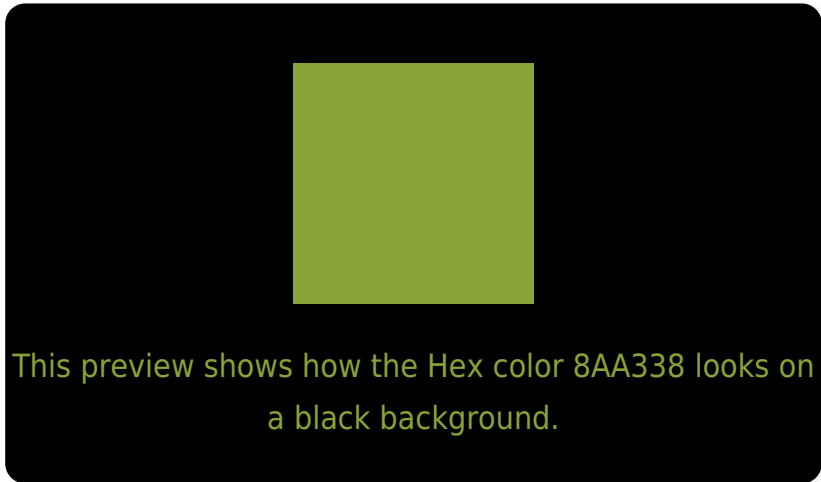
Large Text (above 18pt) WCAG AA × Fail

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 8AA338 Background



This preview shows how black text looks on a background with the Hex color 8AA338.



This preview shows how white text looks on a background with the Hex color 8AA338.

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
8AA338

Protanopia
AB9935

Deuteranopia
BE913E



Tritanopia
9698A5

Trichromacy



Original Color
8AA338

Protanomaly
9F9D36

Deuteranomaly
AB983C

Tritanomaly
929C7D

Monochromacy



Original Color
8AA338

Achromatopsia
8F8F8F

Achromatomaly
8D966F

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AA338 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 #8AA338 looks like.

```
.text, #text, p{  
    color:#8AA338  
}
```

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 #8AA338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AA338
}
```

Border

The CSS property to change the border of an element to Hex 8AA338 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
#8AA338 }
```

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

```
.border{ border-color:#8AA338 }
```

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

Here you see how a box with a 4 pixel #8AA338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AA338; -webkit-box-shadow:4px 4px  
4px 4px #8AA338; box-shadow:4px 4px 4px  
4px #8AA338 }
```

Background

The CSS property to change the background color of an element to Hex 8AA338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AA338 }
```

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

```
.background{ background-color:#8AA338 }
```

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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