

Converting Colors

Hex(98A333)

Have a look what the booklet for
Hex(98A333) contains.

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Color

Hex(98A333)

Conversions

Conversions Part 1

Format	Color
Hex	98A333
RGB	152, 163, 51
RGB Percent	60%, 64%, 20%
CMY	0.4039, 0.3608, 0.8000
CMYK	0.07, 0.00, 0.69, 0.36
HSL	66°, 52%, 42%
HSV	66°, 69%, 64%
XYZ	26.6436, 33.1088, 8.1183
YIQ	146.9430, 29.3960, -37.1640

Conversions

Conversions Part 2

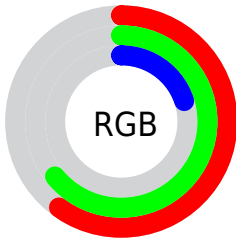
Format	Color
RYB	51, 163, 62
Decimal	10003251
CIELab	64.25, -18.67, 54.18
CIELCh	64, 57.308, 109.012
Yxy	33.1088, 0.3926, 0.4878
Android (android.graphics.Color)	4288193331 (0xFF98A333)
YUV	146.9430, -47.2999, 4.4350
Hunter-Lab	57.5402, -18.0422, 31.9130

Details

The Hex color **98A333** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3E33A3**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **D1DA68**, and **626F00** is the 20% darker color. If you saturate the color by 10%, you get **96A323**, and if you desaturate by 10%, it is **9AA343**.

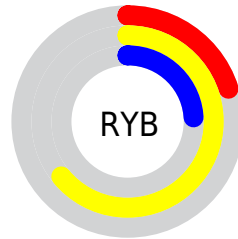
Distribution



Red (60%)

Green (64%)

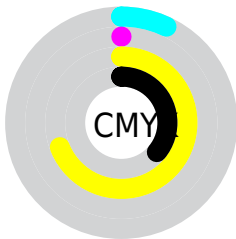
Blue (20%)



Red (20%)

Yellow (64%)

Blue (24%)

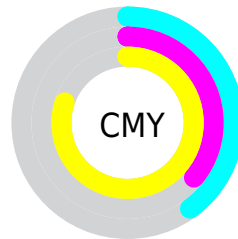


Cyan (7%)

Magenta (0%)

Yellow (69%)

Black (36%)



Cyan (40%)

Magenta (36%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98A333 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 98A333 by changing the saturation by 10% instead.

 98A333

 98A333

FFFFFF

 7D8915

 D1DA68

 626F00

 EEF683

 485700

 FFFF9E

 2E4000

 FFFFBA

 142A00

 FFFFD6

 001700

 FFFFF3

 000000

 98A333

 98A333

 96A323

 9AA343

■ 95A312

■ 9BA354

■ 93A302

■ 9DA364

■ 93A300

■ 9EA374

■ A0A385

■ A2A395

■ A3A3A5

■ A5A3B5

■ A6A3C6

Harmonies

Analogous

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



C79232



98A333



5BAE55

Triad

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



98A333



00B1E8



F070B1

Complementary

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



98A333



3E33A3

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.



C780DF



98A333



00A7FF

Square

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



98A333



00B5BC



7C96FD



FA6F7D

Rectangle

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



98A333



00B275



7C96FD



E674C2

Sweetspot

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



98A333



CFD4A7



A33C33



686B50



EBEBEB



6B6B6B

Same Dimension

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



98A333



C3D426



62A333



515249



839100



101200

Inverse Universe

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



3E33A3



3726D4



7433A3



4A4952



0E0091



020012

Previews

White Background



This preview shows how the Hex color 98A333 looks on a white background.

Color Contrast Check

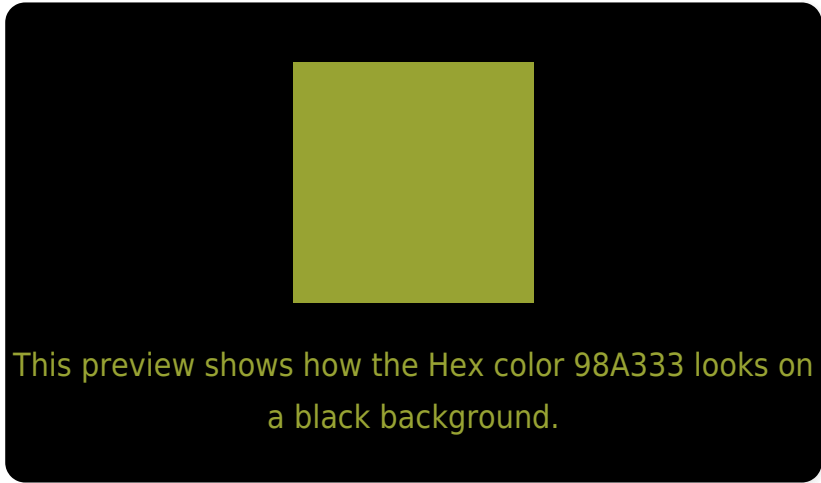
Large Text (above 18pt) WCAG AA × Fail

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 98A333 Background



This preview shows how black text looks on a background with the Hex color 98A333.



This preview shows how white text looks on a background with the Hex color 98A333.

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
98A333

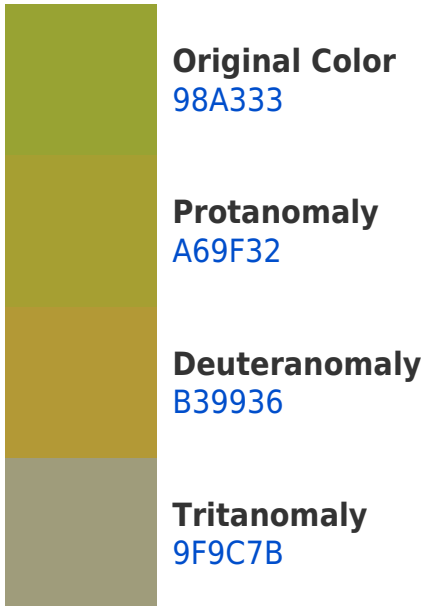
Protanopia
AE9C31

Deuteranopia
C29438



Tritanopia
A398A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98A333 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 #98A333 looks like.

```
.text, #text, p{  
    color:#98A333  
}
```

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 #98A333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98A333  
}
```

Border

The CSS property to change the border of an element to Hex 98A333 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  
#98A333 }
```

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

```
.border{ border-color:#98A333 }
```

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

Here you see how a box with a 4 pixel #98A333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98A333; -webkit-box-shadow:4px 4px  
4px 4px #98A333; box-shadow:4px 4px 4px  
4px #98A333 }
```

Background

The CSS property to change the background color of an element to Hex 98A333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98A333 }
```

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

```
.background{ background-color:#98A333 }
```

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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