

Converting Colors

Hex(98A340)

Have a look what the booklet for
Hex(98A340) contains.

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Color

Hex(98A340)

Conversions

Conversions Part 1

Format	Color
Hex	98A340
RGB	152, 163, 64
RGB Percent	60%, 64%, 25%
CMY	0.4039, 0.3608, 0.7490
CMYK	0.07, 0.00, 0.61, 0.36
HSL	67°, 44%, 45%
HSV	67°, 61%, 64%
XYZ	26.9715, 33.2400, 9.8449
YIQ	148.4250, 25.2230, -33.1210

Conversions

Conversions Part 2

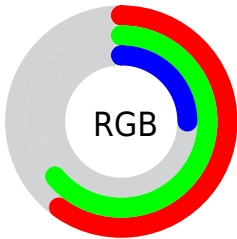
Format	Color
RYB	64, 163, 75
Decimal	10003264
CIELab	64.35, -17.79, 48.78
CIELCh	64, 51.919, 110.037
Yxy	33.2400, 0.3850, 0.4745
Android (android.graphics.Color)	4288193344 (0xFF98A340)
YUV	148.4250, -41.6215, 3.1353
Hunter-Lab	57.6541, -17.3895, 30.2336

Details

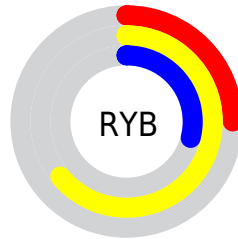
The Hex color **98A340** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4B40A3**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D0DA74**, and **626F05** is the 20% darker color. If you saturate the color by 10%, you get **96A330**, and if you desaturate by 10%, it is **9AA350**.

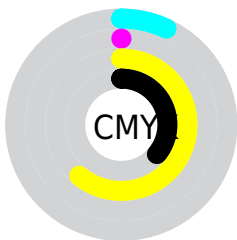
Distribution



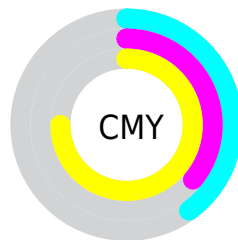
- Red (60%)
- Green (64%)
- Blue (25%)



- Red (25%)
- Yellow (64%)
- Blue (29%)



- Cyan (7%)
- Magenta (0%)
- Yellow (61%)
- Black (36%)



- Cyan (40%)
- Magenta (36%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98A340 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 98A340 by changing the saturation by 10% instead.

 98A340

 98A340

FFFFFF

 7D8926

 D0DA74

 626F05

 EDF68E

 485700

 FFFFAA


 304000

 FFFFC6

 162A00

 FFFFEE

 001700

 000000

 98A340

 98A340

 96A330

 9AA350

■ 94A31F

■ 9CA361

■ 93A30F

■ 9DA371

■ 91A300

■ 9FA381

■ A1A392

■ A3A3A2

■ A5A3B2

■ A6A3C2

■ A8A3D3

Harmonies

Analogous

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



C4943D



98A340



61AD5E

Triad

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



98A340



00AFE2



E975AE

Complementary

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



98A340



4B40A3

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.



C683D8



98A340



00A6F7

Square

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



98A340



00B3BA



8596F3



F2757F

Rectangle

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



98A340



25B17B



8596F3



E179BD

Sweetspot

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



98A340



CFD4AE



A34A40



686B54



EBEBEB



6B6B6B

Same Dimension

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



98A340



C2D439



68A340



515249



819100



101200

Inverse Universe

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



4B40A3



4A39D4



7B40A3



4A4952



100091



020012

Previews

White Background



This preview shows how the Hex color 98A340 looks on a white background.

Color Contrast Check

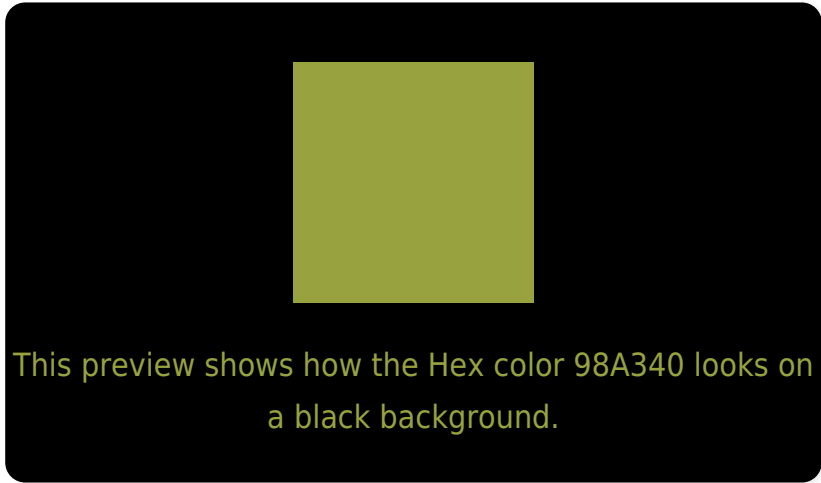
Large Text (above 18pt) WCAG AA × Fail

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 98A340 Background



This preview shows how black text looks on a background with the Hex color 98A340.



This preview shows how white text looks on a background with the Hex color 98A340.

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
98A340

Protanopia
AE9C3E

Deuteranopia
C19444



Tritanopia
A299A5

Trichromacy



Original Color
98A340

Protanomaly
A69F3F

Deuteranomaly
B29943

Tritanomaly
9E9D80

Monochromacy



Original Color
98A340

Achromatopsia
949494

Achromatomaly
959975

CSS Examples

Text

The CSS property to change the color of the text to Hex 98A340 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 #98A340 looks like.

```
.text, #text, p{  
    color:#98A340  
}
```

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 #98A340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98A340
}
```

Border

The CSS property to change the border of an element to Hex 98A340 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
#98A340 }
```

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

```
.border{ border-color:#98A340 }
```

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

Here you see how a box with a 4 pixel #98A340 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98A340; -webkit-box-shadow:4px 4px  
4px 4px #98A340; box-shadow:4px 4px 4px  
4px #98A340 }
```

Background

The CSS property to change the background color of an element to Hex 98A340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98A340 }
```

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

```
.background{ background-color:#98A340 }
```

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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