

Converting Colors

Hex(98A252)

Have a look what the booklet for
Hex(98A252) contains.

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Color

Hex(98A252)

Conversions

Conversions Part 1

Format	Color
Hex	98A252
RGB	152, 162, 82
RGB Percent	60%, 64%, 32%
CMY	0.4039, 0.3647, 0.6784
CMYK	0.06, 0.00, 0.49, 0.36
HSL	68°, 33%, 48%
HSV	68°, 49%, 64%
XYZ	27.3922, 33.1253, 12.9327
YIQ	149.8900, 19.7200, -27.0000

Conversions

Conversions Part 2

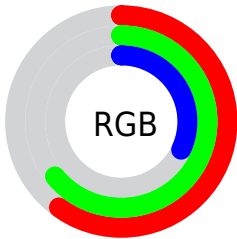
Format	Color
RYB	82, 162, 92
Decimal	10003026
CIELab	64.26, -15.69, 40.07
CIELCh	64, 43.033, 111.383
Yxy	33.1253, 0.3729, 0.4510
Android (android.graphics.Color)	4288193106 (0xFF98A252)
YUV	149.8900, -33.4698, 1.8505
Hunter-Lab	57.5545, -15.7661, 26.9655

Details

The Hex color **98A252** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5C52A2**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D0D985**, and **636E21** is the 20% darker color. If you saturate the color by 10%, you get **96A242**, and if you desaturate by 10%, it is **9AA262**.

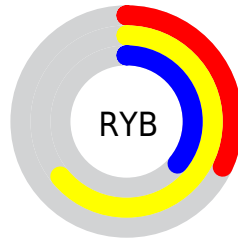
Distribution



Red (60%)

Green (64%)

Blue (32%)



Red (32%)

Yellow (64%)

Blue (36%)

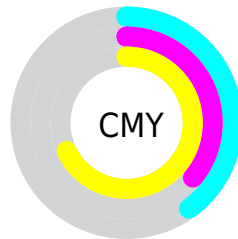


Cyan (6%)

Magenta (0%)

Yellow (49%)

Black (36%)



Cyan (40%)

Magenta (36%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98A252 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 98A252 by changing the saturation by 10% instead.



98A252



98A252

FFFFFF



7D8839



D0D985



636E21



ECF5A0



4A5605



FFFFBB



323F00



FFFFD8



192900



FFFFF4



001600



000000



98A252



98A252



96A242



9AA262

 94A232

 9CA272

 92A221

 9EA283

 90A211

 A0A293

 8EA201

 A2A2A3

 8EA200

 A4A2B3

 A6A2C3

 A8A2D4

 AAA2E4

Harmonies

Analogous

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



BD964F



98A252



6BAB6A

Triad

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



98A252



00ACD7



DE7DA9

Complementary

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



98A252



5C52A2

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.



C187CC



98A252



41A3E7

Square

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



98A252



00AFB7



8E96E3



E57E82

Rectangle

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



98A252



45AE82



8E96E3



D780B5

Sweetspot

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



98A252



D0D4B4



A25B52



696B58



EBEBEB



6B6B6B

Same Dimension

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



98A252



C4D457



71A252



515249



7F9100



101200

Inverse Universe

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



5C52A2



6657D4



8352A2



4A4952



120091



020012

Previews

White Background



This preview shows how the Hex color 98A252 looks on a white background.

Color Contrast Check

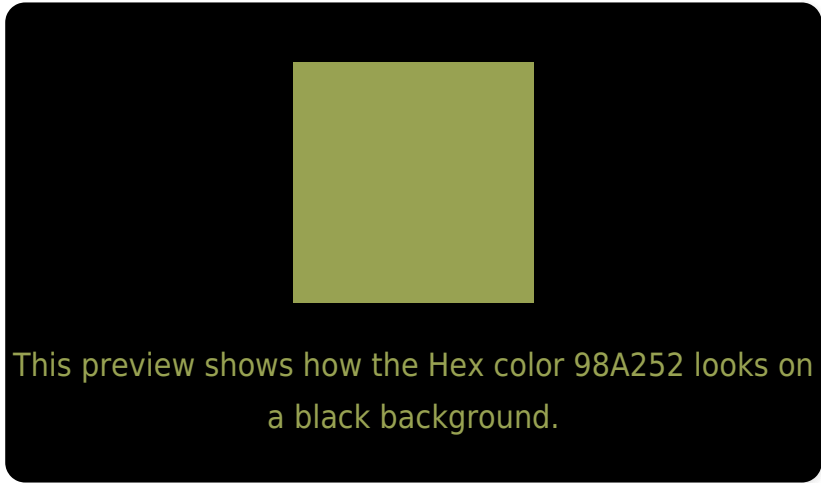
Large Text (above 18pt) WCAG AA × Fail

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

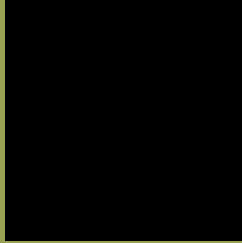
Any Text WCAG AA ✓ Pass

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 98A252 Background



This preview shows how black text looks on a background with the Hex color 98A252.



This preview shows how white text looks on a background with the Hex color 98A252.

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
98A252

Protanopia
AC9C50

Deuteranopia
BE9455

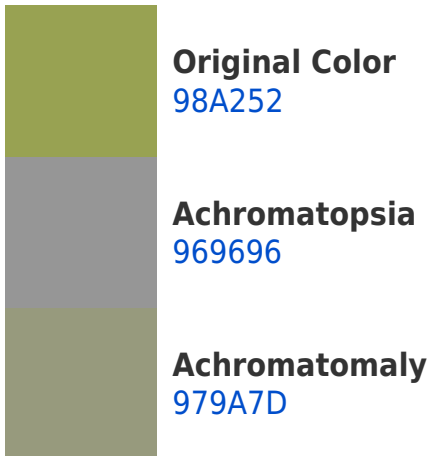


Tritanopia
A199A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98A252 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 #98A252 looks like.

```
.text, #text, p{  
    color:#98A252  
}
```

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 #98A252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98A252
}
```

Border

The CSS property to change the border of an element to Hex 98A252 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
#98A252 }
```

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

```
.border{ border-color:#98A252 }
```

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

Here you see how a box with a 4 pixel #98A252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98A252; -webkit-box-shadow:4px 4px  
4px 4px #98A252; box-shadow:4px 4px 4px  
4px #98A252 }
```

Background

The CSS property to change the background color of an element to Hex 98A252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98A252 }
```

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

```
.background{ background-color:#98A252 }
```

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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