

Converting Colors

Hex(9A9238)

Have a look what the booklet for
Hex(9A9238) contains.

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Color

Hex(9A9238)

Conversions

Conversions Part 1

Format	Color
Hex	9A9238
RGB	154, 146, 56
RGB Percent	60%, 57%, 22%
CMY	0.3961, 0.4275, 0.7804
CMYK	0.00, 0.05, 0.64, 0.40
HSL	55°, 47%, 41%
HSV	55°, 64%, 60%
XYZ	24.3191, 27.7133, 7.8088
YIQ	138.1320, 33.6580, -26.2940

Conversions

Conversions Part 2

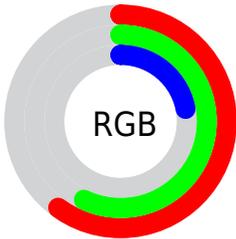
Format	Color
RYB	65, 154, 56
Decimal	10129976
CIELab	59.63, -8.56, 47.30
CIELCh	60, 48.069, 100.261
Yxy	27.7133, 0.4064, 0.4631
Android (android.graphics.Color)	4288320056 (0xFF9A9238)
YUV	138.1320, -40.4911, 13.9162
Hunter-Lab	52.6434, -9.6663, 28.0557

Details

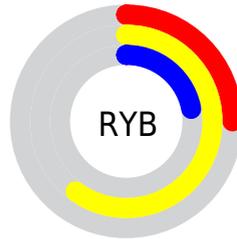
The Hex color **9A9238** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **38409A**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **D3C86B**, and **646000** is the 20% darker color. If you saturate the color by 10%, you get **9A9129**, and if you desaturate by 10%, it is **9A9347**.

Distribution



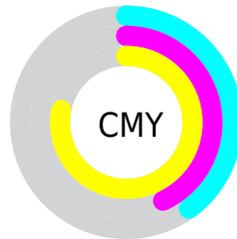
- Red (60%)
- Green (57%)
- Blue (22%)



- Red (25%)
- Yellow (60%)
- Blue (22%)



- Cyan (0%)
- Magenta (5%)
- Yellow (64%)
- Black (40%)



- Cyan (40%)
- Magenta (43%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A9238 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 9A9238 by changing the saturation by 10% instead.



9A9238



9A9238

FFFFFF



7F781E



D3C86B



646000



F0E485



4A4800



FFFFA0



313200



FFFFBC



191D00



FFFFD8



000000



FFFFF5



9A9238



9A9238



9A9129



9A9347

■ 9A8F19

■ 9A9557

■ 9A8E0A

■ 9A9666

■ 9A8D00

■ 9A9776

■ 9A9885

■ 9A9A94

■ 9A9BA4

■ 9A9CB3

■ 9A9DC3

Harmonies

Analogous

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



BF833F



9A9238



6C9D4C

Triad

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



9A9238



00A3C5



CF70AD

Complementary

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



9A9238



38409A

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.



A67FD0



9A9238



009CDF

Square

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



9A9238



00A59D



608FE3



DE6B83

Rectangle

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



9A9238



44A164



608FE3



C474BA

Sweetspot

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



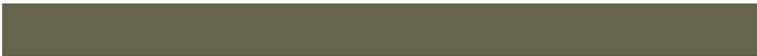
9A9238



C9C6A3



9A3840



66644F



E6E6E6



666666

Same Dimension

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



9A9238



C9BD30



719A38



4D4C45



8C8100



0D0C00

Inverse Universe

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



38409A



303DC9



61389A



45454D



000B8C



00010D

Previews

White Background



This preview shows how the Hex color 9A9238 looks on a white background.

Color Contrast Check

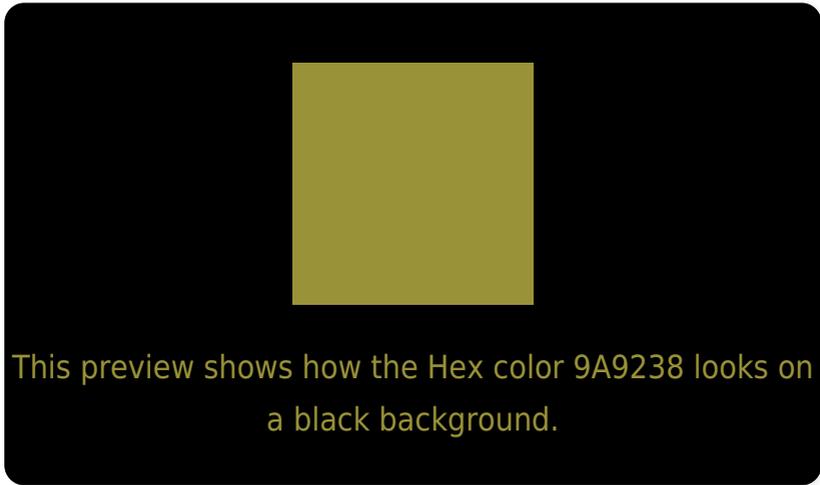
Large Text (above 18pt) WCAG AA ✓ Pass

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

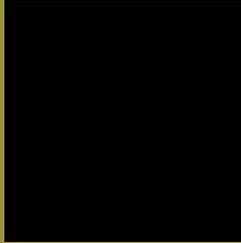
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9A9238 Background



This preview shows how black text looks on a background with the Hex color 9A9238.



This preview shows how white text looks on a background with the Hex color 9A9238.

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
9A9238

Protanopia
A09037

Deuteranopia
B2893B



Tritanopia
A28993

Trichromacy



Original Color
9A9238

Protanomaly
9E9137

Deuteranomaly
A98C3A

Tritanomaly
9F8C72

Monochromacy



Original Color
9A9238

Achromatopsia
8A8A8A

Achromatomaly
908D6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A9238 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 #9A9238 looks like.

```
.text, #text, p{  
    color:#9A9238  
}
```

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 #9A9238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A9238
}
```

Border

The CSS property to change the border of an element to Hex 9A9238 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
#9A9238 }
```

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

```
.border{ border-color:#9A9238 }
```

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

Here you see how a box with a 4 pixel #9A9238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A9238; -webkit-box-shadow:4px 4px  
4px 4px #9A9238; box-shadow:4px 4px 4px  
4px #9A9238 }
```

Background

The CSS property to change the background color of an element to Hex 9A9238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A9238 }
```

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

```
.background{ background-color:#9A9238 }
```

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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