

Converting Colors

Hex(A99238)

Have a look what the booklet for
Hex(A99238) contains.

Hex(A99238)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A99238)

Conversions

Conversions Part 1

Format	Color
Hex	A99238
RGB	169, 146, 56
RGB Percent	66%, 57%, 22%
CMY	0.3373, 0.4275, 0.7804
CMYK	0.00, 0.14, 0.67, 0.34
HSL	48°, 50%, 44%
HSV	48°, 67%, 66%
XYZ	27.3549, 29.2783, 7.9509
YIQ	142.6170, 42.5980, -23.1140

Conversions

Conversions Part 2

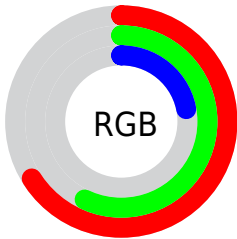
Format	Color
RYB	85, 169, 56
Decimal	11113016
CIELab	61.03, -1.89, 49.21
CIELCh	61, 49.245, 92.203
Yxy	29.2783, 0.4236, 0.4533
Android (android.graphics.Color)	4289303096 (0xFFA99238)
YUV	142.6170, -42.7022, 23.1379
Hunter-Lab	54.1094, -4.4513, 29.1645

Details

The Hex color **A99238** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **384FA9**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **E3C86B**, and **726000** is the 20% darker color. If you saturate the color by 10%, you get **A98F27**, and if you desaturate by 10%, it is **A99549**.

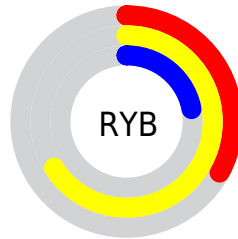
Distribution



Red (66%)

Green (57%)

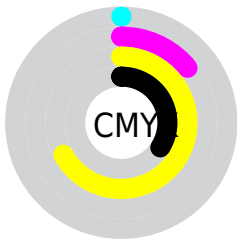
Blue (22%)



Red (33%)

Yellow (66%)

Blue (22%)

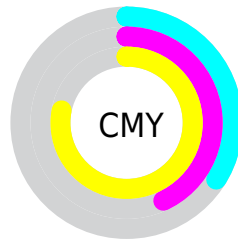


Cyan (0%)

Magenta (14%)

Yellow (67%)

Black (34%)



Cyan (34%)

Magenta (43%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color A99238 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 A99238 by changing the saturation by 10% instead.

 A99238

 A99238

FFFFFF

 8D781E

 E3C86B

 726000

 FFE486

 574800

 FFFFA1

 3D3200

 FFFFBC

 241E00

 FFFFD9

 010500

 FFFFF6

 000000

 A99238

 A99238

 A98F27

 A99549

 A98B16

 A9995A

 A98805

 A99C6B

 A98700

 A9A07C

 A9A38C

 A9A79D

 A9AAAE

 A9AEBF

 A9B1D0

Harmonies

Analogous

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



CC8246



A99238



7C9E46

Triad

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



A99238



00A8C0



CB76BD

Complementary

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



A99238



384FA9

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.



9A87DD



A99238



00A2E0

Square

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



A99238



00A995



4497EA



E26D92

Rectangle

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



A99238



58A45C



4497EA



BE7BC9

Sweetspot

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



A99238



DBD2AF



A93850



6E6853



EDEDED



6E6E6E

Same Dimension

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



A99238



DBB82C



89A938



54524C



947600



141000

Inverse Universe

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



384FA9



2C50DB



5838A9



4C4D54



001E94



000414

Previews

White Background



This preview shows how the Hex color A99238 looks on a white background.

Color Contrast Check

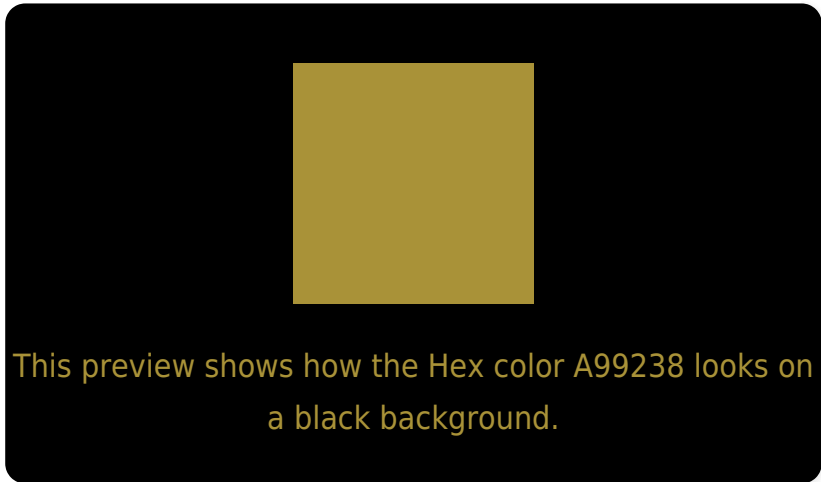
Large Text (above 18pt) WCAG AA ✓ Pass

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

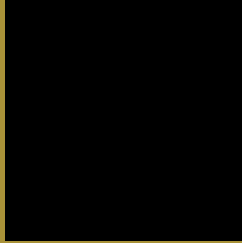
Any Text WCAG AA ✓ Pass

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 A99238 Background



This preview shows how black text looks on a background with the Hex color A99238.



This preview shows how white text looks on a background with the Hex color A99238.

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
A99238

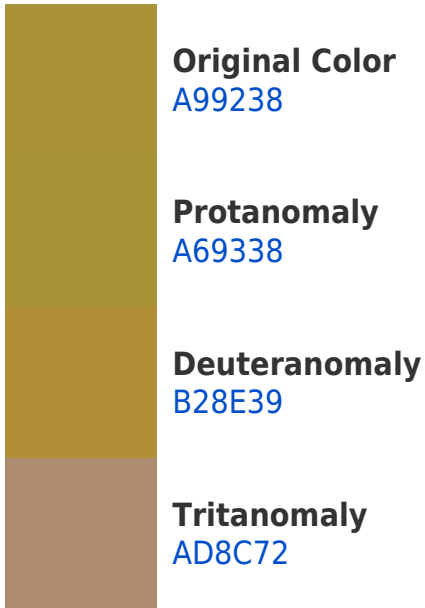
Protanopia
A49438

Deuteranopia
B78C3A

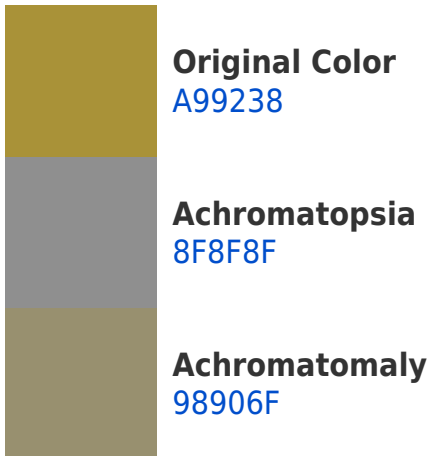


Tritanopia
B08993

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A99238 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 #A99238 looks like.

```
.text, #text, p{  
    color:#A99238  
}
```

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 #A99238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A99238
}
```

Border

The CSS property to change the border of an element to Hex A99238 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
#A99238 }
```

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

```
.border{ border-color:#A99238 }
```

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

Here you see how a box with a 4 pixel #A99238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A99238; -webkit-box-shadow:4px 4px  
4px 4px #A99238; box-shadow:4px 4px 4px  
4px #A99238 }
```

Background

The CSS property to change the background color of an element to Hex A99238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A99238 }
```

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

```
.background{ background-color:#A99238 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor