

Converting Colors

Hex(C1AA43)

Have a look what the booklet for
Hex(C1AA43) contains.

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Color

Hex(C1AA43)

Conversions

Conversions Part 1

Format	Color
Hex	C1AA43
RGB	193, 170, 67
RGB Percent	76%, 67%, 26%
CMY	0.2431, 0.3333, 0.7373
CMYK	0.00, 0.12, 0.65, 0.24
HSL	49°, 50%, 51%
HSV	49°, 65%, 76%
XYZ	37.3802, 40.4922, 11.1558
YIQ	165.1350, 46.7710, -27.1570

Conversions

Conversions Part 2

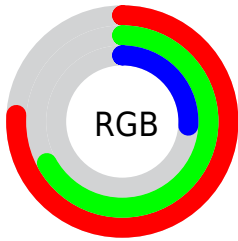
Format	Color
RYB	95, 193, 67
Decimal	12692035
CIELab	69.82, -3.58, 54.38
CIElCh	70, 54.495, 93.766
Yxy	40.4922, 0.4199, 0.4548
Android (android.graphics.Color)	4290882115 (0xFFC1AA43)
YUV	165.1350, -48.3806, 24.4376
Hunter-Lab	63.6334, -6.5024, 34.1491

Details

The Hex color **C1AA43** is a dark color, and the websafe version is hex **999933**. The color can be described as middle muted orange. A complement of this color would be **435AC1**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FCE178**, and **887606** is the 20% darker color. If you saturate the color by 10%, you get **C1A630**, and if you desaturate by 10%, it is **C1AE56**.

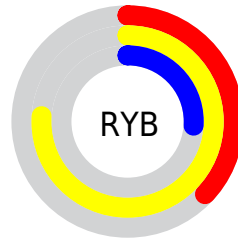
Distribution



Red (76%)

Green (67%)

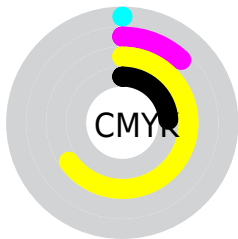
Blue (26%)



Red (37%)

Yellow (76%)

Blue (26%)

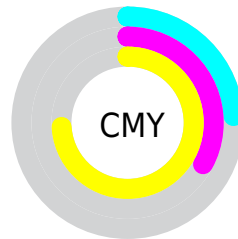


Cyan (0%)

Magenta (12%)

Yellow (65%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1AA43 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 C1AA43 by changing the saturation by 10% instead.

 C1AA43

 C1AA43

FFFFFF

 A49028

 FCE178

 887606

 FFFE93

 6D5E00

 FFFFFAE

 524600

 FFFFFCA

 383000

 FFFFFE7

 1F1C00

 000000

 C1AA43

 C1AA43

 C1A630

 C1AE56

 C1A31C

 C1B16A

 C19F09

 C1B57D

 C19E00

 C1B890

 C1BCA3

 C1BFB7

 C1C3CA

 C1C6DD

 C1CAF1

Harmonies

Analogous

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



E99851



C1AA43



8EB854

Triad

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



C1AA43



00C2E0



EC88D7

Complementary

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



C1AA43



435AC1

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.



B69BFD



C1AA43



00BBFF

Square

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



C1AA43



00C3AF



59AEFF



FF7FA6

Rectangle

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



C1AA43



63BE6E



59AEFF



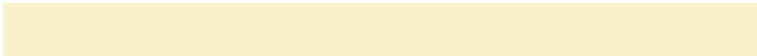
DE8EE6

Sweetspot

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



C1AA43



FAF1C8



C1435A



7D775F



FCFCFC



7D7D7D

Same Dimension

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



C1AA43



FAD637



99C143



615F57



A18300



211B00

Inverse Universe

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



435AC1



375BFA



6B43C1



575961



001DA1



000621

Previews

White Background



This preview shows how the Hex color C1AA43 looks on a white background.

Color Contrast Check

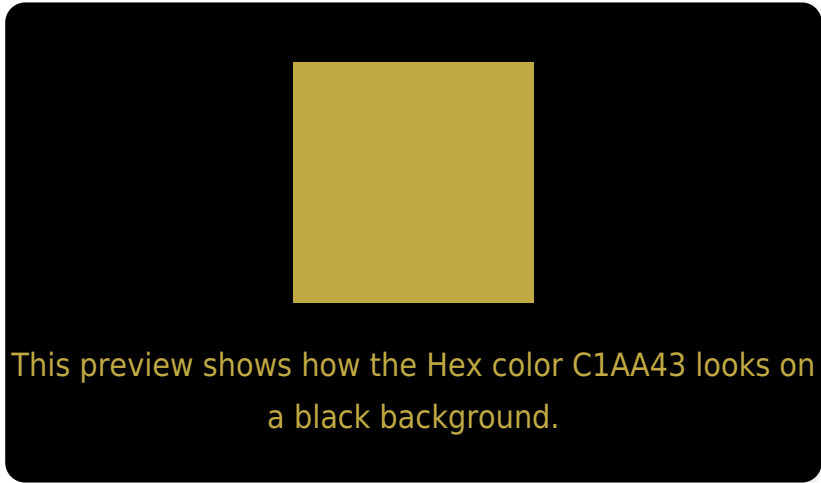
Large Text (above 18pt) WCAG AA × Fail

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 C1AA43 Background



This preview shows how black text looks on a background with the Hex color C1AA43.



This preview shows how white text looks on a background with the Hex color C1AA43.

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

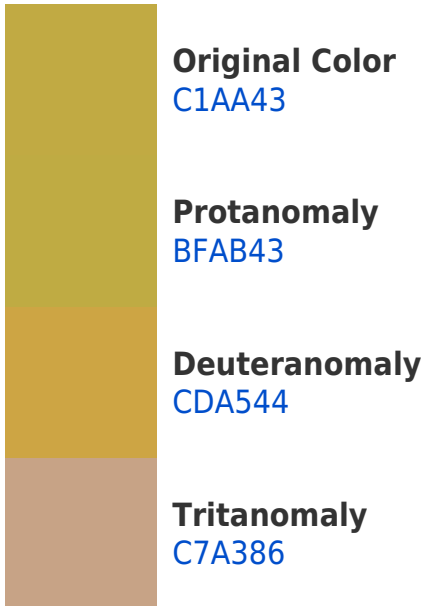


Original Color
C1AA43

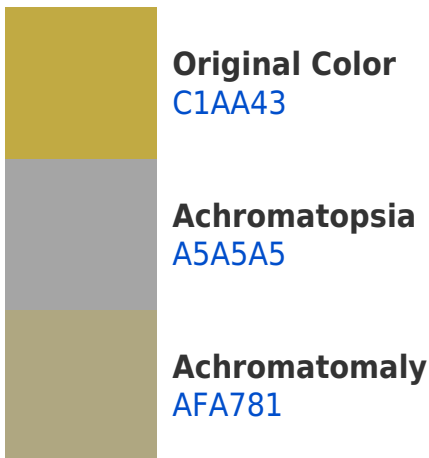
Protanopia
BEAB43

Deuteranopia
D4A245

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1AA43 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 #C1AA43 looks like.

```
.text, #text, p{  
    color:#C1AA43  
}
```

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 #C1AA43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1AA43  
}
```

Border

The CSS property to change the border of an element to Hex C1AA43 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  
#C1AA43 }
```

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

```
.border{ border-color:#C1AA43 }
```

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

Here you see how a box with a 4 pixel #C1AA43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1AA43; -webkit-box-shadow:4px 4px  
4px 4px #C1AA43; box-shadow:4px 4px 4px  
4px #C1AA43 }
```

Background

The CSS property to change the background color of an element to Hex C1AA43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1AA43 }
```

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

```
.background{ background-color:#C1AA43 }
```

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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