

Converting Colors

Hex(C2AA45)

Have a look what the booklet for
Hex(C2AA45) contains.

Hex(C2AA45)	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(C2AA45)

Conversions

Conversions Part 1

Format	Color
Hex	C2AA45
RGB	194, 170, 69
RGB Percent	76%, 67%, 27%
CMY	0.2392, 0.3333, 0.7294
CMYK	0.00, 0.12, 0.64, 0.24
HSL	48°, 51%, 52%
HSV	48°, 64%, 76%
XYZ	37.6970, 40.6485, 11.4893
YIQ	165.6620, 46.7250, -26.3230

Conversions

Conversions Part 2

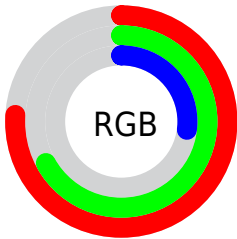
Format	Color
RYB	99, 194, 69
Decimal	12757573
CIELab	69.93, -3.02, 53.64
CIELCh	70, 53.729, 93.225
Yxy	40.6485, 0.4196, 0.4525
Android (android.graphics.Color)	4290947653 (0xFFC2AA45)
YUV	165.6620, -47.6544, 24.8524
Hunter-Lab	63.7561, -6.0317, 33.9448

Details

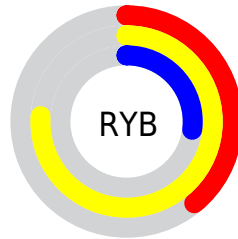
The Hex color **C2AA45** is a dark color, and the websafe version is hex **999933**. The color can be described as middle muted orange. A complement of this color would be **455DC2**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FDE17A**, and **89760A** is the 20% darker color. If you saturate the color by 10%, you get **C2A632**, and if you desaturate by 10%, it is **C2AE58**.

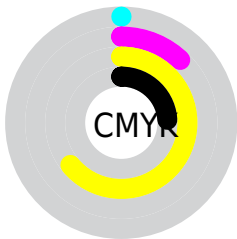
Distribution



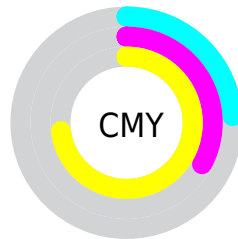
- Red (76%)
- Green (67%)
- Blue (27%)



- Red (39%)
- Yellow (76%)
- Blue (27%)



- Cyan (0%)
- Magenta (12%)
- Yellow (64%)
- Black (24%)



- Cyan (24%)
- Magenta (33%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2AA45 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 C2AA45 by changing the saturation by 10% instead.



C2AA45



C2AA45

FFFFFF



A5902A



FDE17A



89760A



FFFE94



6E5E00



FFFFB0



534600



FFFCC



393000



FFFEE9



201C00



000000



C2AA45



C2AA45



C2A632



C2AE58

 C2A31E

 C2B16C

 C29F0B

 C2B57F

 C29D00

 C2B993

 C2BDA6

 C2C0B9

 C2C4CD

 C2C8E0

 C2CCF4

Harmonies

Analogous

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



EA9854



C2AA45



90B856

Triad

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



C2AA45



00C2DF



EB89D8

Complementary

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



C2AA45



455DC2

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.



B59CFD



C2AA45



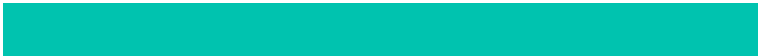
00BBFF

Square

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



C2AA45



00C3AF



59AEFF



FF81A8

Rectangle

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



C2AA45



66BE6E



59AEFF



DC8FE6

Sweetspot

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



C2AA45



FCF3CC



C2455E



807A62



000000



808080

Same Dimension

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



C2AA45



FCD73A



9DC245



615F57



A18200



211B00

Inverse Universe

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



455DC2



3A5FFC



6A45C2



575961



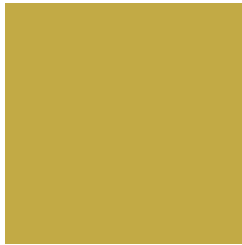
001FA1



000621

Previews

White Background



This preview shows how the Hex color C2AA45 looks on a white background.

Color Contrast Check

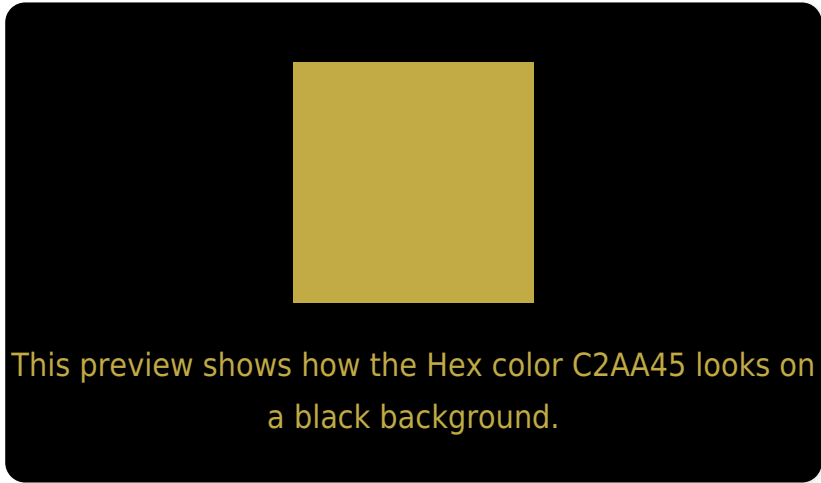
Large Text (above 18pt) WCAG AA × Fail

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 C2AA45 Background



This preview shows how black text looks on a background with the Hex color C2AA45.



This preview shows how white text looks on a background with the Hex color C2AA45.

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

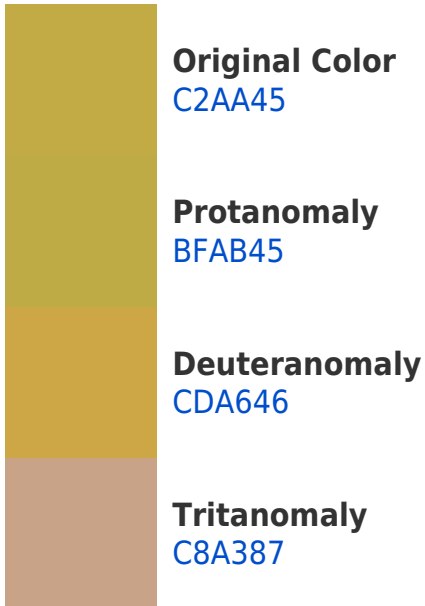


Original Color
C2AA45

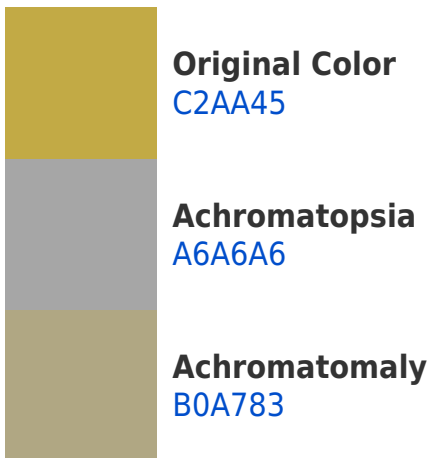
Protanopia
BEAB45

Deuteranopia
D4A347

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2AA45 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 #C2AA45 looks like.

```
.text, #text, p{  
    color:#C2AA45  
}
```

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 #C2AA45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2AA45
}
```

Border

The CSS property to change the border of an element to Hex C2AA45 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
#C2AA45 }
```

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

```
.border{ border-color:#C2AA45 }
```

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

Here you see how a box with a 4 pixel #C2AA45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2AA45; -webkit-box-shadow:4px 4px  
4px 4px #C2AA45; box-shadow:4px 4px 4px  
4px #C2AA45 }
```

Background

The CSS property to change the background color of an element to Hex C2AA45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2AA45 }
```

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

```
.background{ background-color:#C2AA45 }
```

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