

Converting Colors

Hex(C2AE34)

Have a look what the booklet for
Hex(C2AE34) contains.

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Color

Hex(C2AE34)

Conversions

Conversions Part 1

Format	Color
Hex	C2AE34
RGB	194, 174, 52
RGB Percent	76%, 68%, 20%
CMY	0.2392, 0.3176, 0.7961
CMYK	0.00, 0.10, 0.73, 0.24
HSL	52°, 58%, 48%
HSV	52°, 73%, 76%
XYZ	38.0040, 41.9894, 9.3505
YIQ	166.0720, 51.0820, -33.7020

Conversions

Conversions Part 2

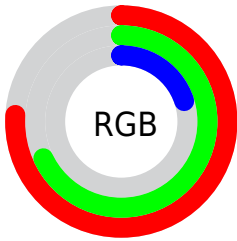
Format	Color
RYB	75, 194, 52
Decimal	12758580
CIELab	70.86, -6.06, 61.53
CIELCh	71, 61.824, 95.622
Yxy	41.9894, 0.4254, 0.4700
Android (android.graphics.Color)	4290948660 (0xFFC2AE34)
YUV	166.0720, -56.2375, 24.4929
Hunter-Lab	64.7992, -8.7103, 36.8039

Details

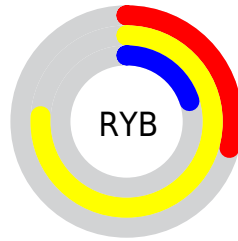
The Hex color **C2AE34** is a dark color, and the websafe version is hex **999900**. The color can be described as middle muted orange. A complement of this color would be **3448C2**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FEE56B**, and **897A00** is the 20% darker color. If you saturate the color by 10%, you get **C2AB21**, and if you desaturate by 10%, it is **C2B147**.

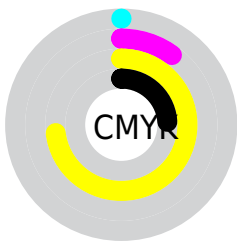
Distribution



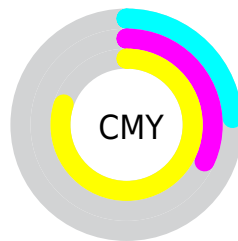
- Red (76%)
- Green (68%)
- Blue (20%)



- Red (29%)
- Yellow (76%)
- Blue (20%)



- Cyan (0%)
- Magenta (10%)
- Yellow (73%)
- Black (24%)



- Cyan (24%)
- Magenta (32%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2AE34 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 C2AE34 by changing the saturation by 10% instead.



C2AE34



C2AE34

FFFFFF



A59413



FEE56B



897A00



FFFF86



6D6100



FFFFA2



524A00



FFFFBE



373400



FFFFDA



1F1F00



FFFFF8



000600



000000



C2AE34



C2AE34

 C2AB21

 C2B147

 C2A90D

 C2B35B

 C2A700

 C2B66E

 C2B982

 C2BC95

 C2BEA8

 C2C1BC

 C2C4CF

 C2C7E3

Harmonies

Analogous

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



F09A45



C2AE34



87BD4C

Triad

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



C2AE34



00C7EE



FA84DD

Complementary

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



C2AE34



3448C2

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.



BE9AFF



C2AE34



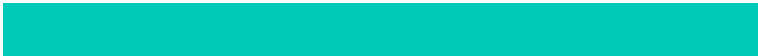
00C0FF

Square

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



C2AE34



00C9B7



4CB0FF



FF7AA5

Rectangle

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



C2AE34



52C36B



4CB0FF



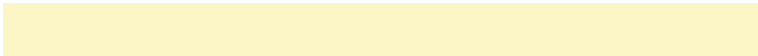
EA8AEE

Sweetspot

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



C2AE34



FCF5C5



C23449



807B5E



000000



808080

Same Dimension

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



C2AE34



FCDD1E



90C234



616057



A18A00



211C00

Inverse Universe

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



3448C2



1E3EFC



6634C2



575961



0017A1



000521

Previews

White Background



This preview shows how the Hex color C2AE34 looks on a white background.

Color Contrast Check

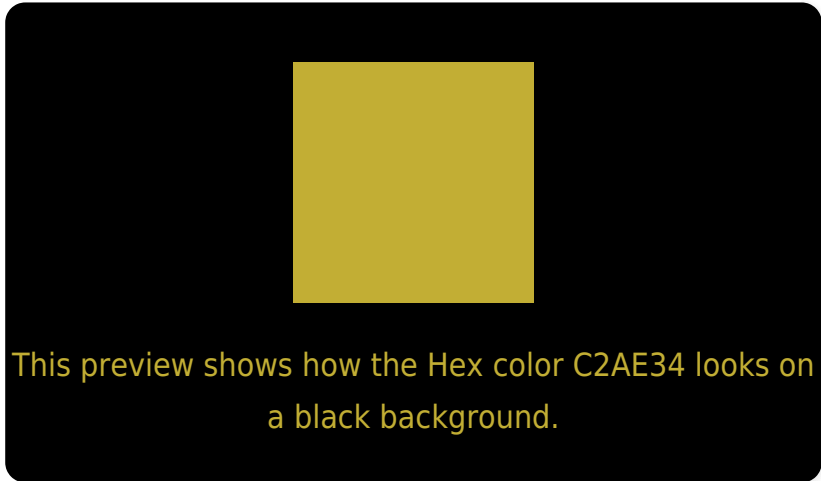
Large Text (above 18pt) WCAG AA × Fail

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 C2AE34 Background



This preview shows how black text looks on a background with the Hex color C2AE34.

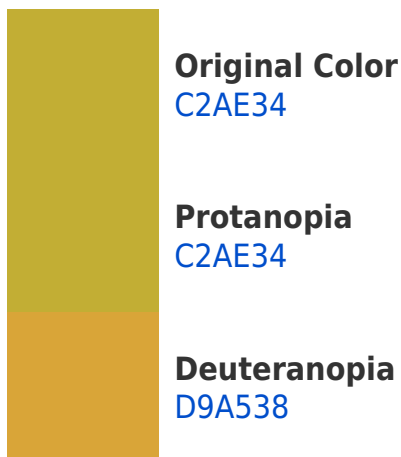


This preview shows how white text looks on a background with the Hex color C2AE34.

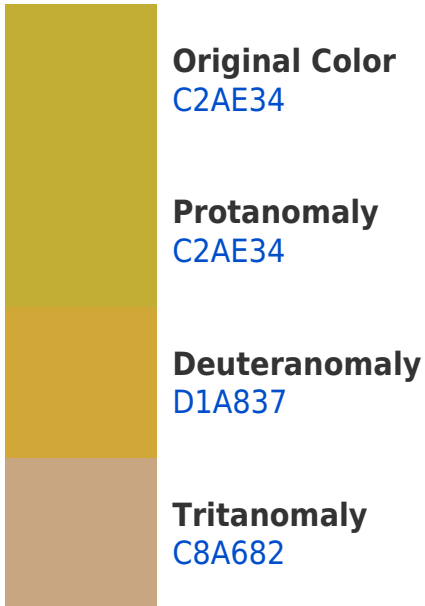
Color Blindness Simulation

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](#).

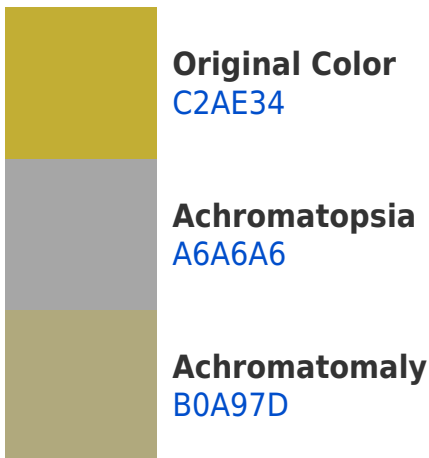
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2AE34 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 #C2AE34 looks like.

```
.text, #text, p{  
    color:#C2AE34  
}
```

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 #C2AE34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2AE34
}
```

Border

The CSS property to change the border of an element to Hex C2AE34 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
#C2AE34 }
```

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

```
.border{ border-color:#C2AE34 }
```

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

Here you see how a box with a 4 pixel #C2AE34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2AE34; -webkit-box-shadow:4px 4px  
4px 4px #C2AE34; box-shadow:4px 4px 4px  
4px #C2AE34 }
```

Background

The CSS property to change the background color of an element to Hex C2AE34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2AE34 }
```

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

```
.background{ background-color:#C2AE34 }
```

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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