

Converting Colors

Hex(C2AE4F)

Have a look what the booklet for
Hex(C2AE4F) contains.

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Color

Hex(C2AE4F)

Conversions

Conversions Part 1

Format	Color
Hex	C2AE4F
RGB	194, 174, 79
RGB Percent	76%, 68%, 31%
CMY	0.2392, 0.3176, 0.6902
CMYK	0.00, 0.10, 0.59, 0.24
HSL	50°, 49%, 54%
HSV	50°, 59%, 76%
XYZ	38.7955, 42.3060, 13.5183
YIQ	169.1500, 42.4150, -25.3050

Conversions

Conversions Part 2

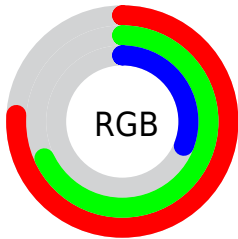
Format	Color
RYB	103, 194, 79
Decimal	12758607
CIELab	71.08, -4.46, 50.37
CIELCh	71, 50.563, 95.056
Yxy	42.3060, 0.4100, 0.4471
Android (android.graphics.Color)	4290948687 (0xFFC2AE4F)
YUV	169.1500, -44.4440, 21.7934
Hunter-Lab	65.0430, -7.3574, 33.2075

Details

The Hex color **C2AE4F** 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 **4F63C2**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FDE583**, and **8A7A1A** is the 20% darker color. If you saturate the color by 10%, you get **C2AB3C**, and if you desaturate by 10%, it is **C2B162**.

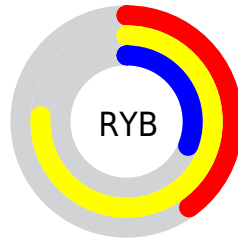
Distribution



Red (76%)

Green (68%)

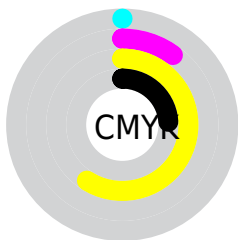
Blue (31%)



Red (40%)

Yellow (76%)

Blue (31%)

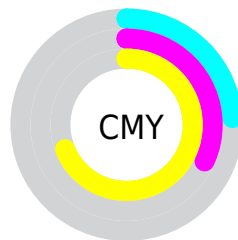


Cyan (0%)

Magenta (10%)

Yellow (59%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2AE4F 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 C2AE4F by changing the saturation by 10% instead.

 C2AE4F

 C2AE4F

FFFFFF

 A59435

 FDE583

 8A7A1A

 FFFF9E

 6E6100

 FFFFBA

 544A00

 FFFFFD6

 3A3300

 FFFFF3

 211F00

 000700

 000000

 C2AE4F

 C2AE4F

 C2AB3C

 C2B162

 C2A728

 C2B576

 C2A415

 C2B889

 C2A101

 C2BB9D

 C2A000

 C2BFB0

 C2C2C3

 C2C6D7

 C2C9EA

 C2CCFE

Harmonies

Analogous

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



E89E5A



C2AE4F



92BB60

Triad

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



C2AE4F



00C4E2



ED8ED6

Complementary

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



C2AE4F



4F63C2

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.



BC9FFA



C2AE4F



00BDFF

Square

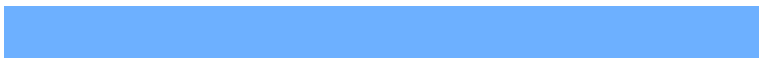
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C2AE4F



00C6B5



6DB0FF



FF87A8

Rectangle

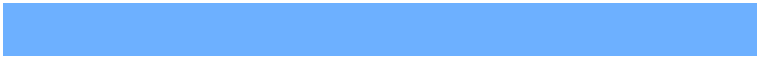
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C2AE4F



6BC077



6DB0FF



E093E3

Sweetspot

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



C2AE4F



FCF5CF



C24F64



807B63



000000



808080

Same Dimension

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



C2AE4F



FCDD49



9EC24F



615F57



A18500



211B00

Inverse Universe

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



4F63C2



4968FC



734FC2



575961



001CA1



000621

Previews

White Background



This preview shows how the Hex color C2AE4F looks on a white background.

Color Contrast Check

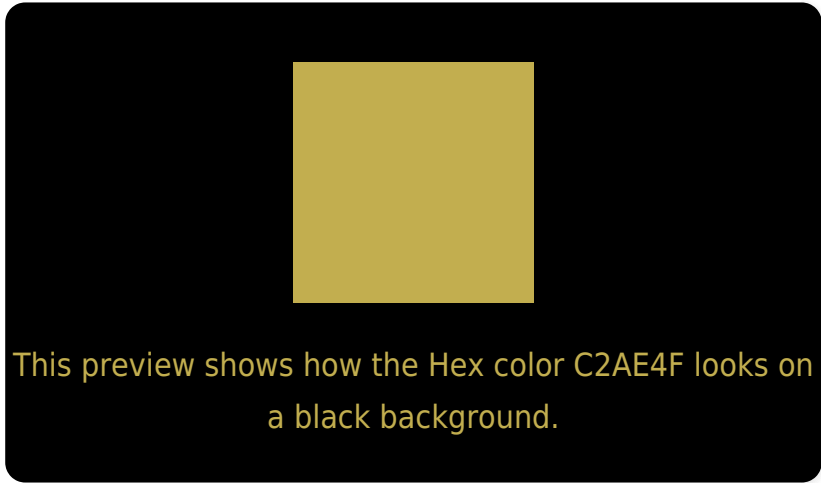
Large Text (above 18pt) WCAG AA × Fail

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 C2AE4F Background



This preview shows how black text looks on a background with the Hex color C2AE4F.



This preview shows how white text looks on a background with the Hex color C2AE4F.

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

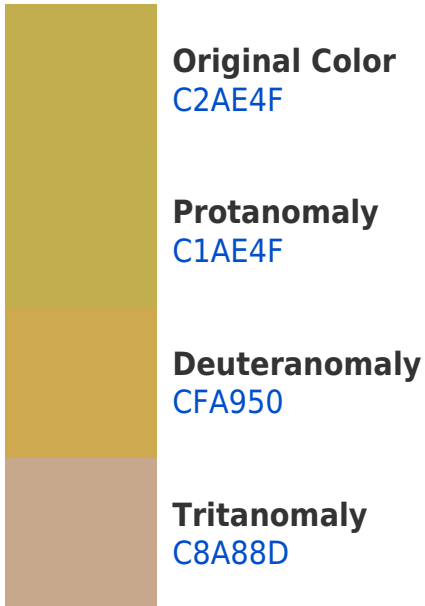


Original Color
C2AE4F

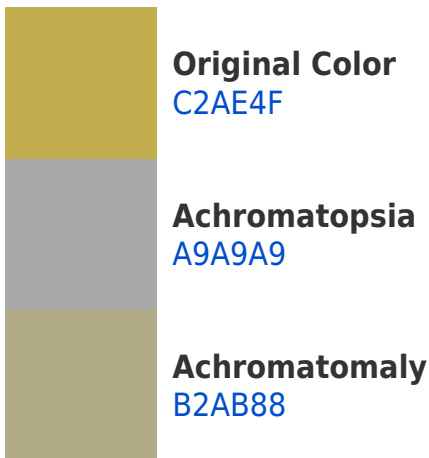
Protanopia
C1AE4F

Deuteranopia
D7A651

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2AE4F 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 #C2AE4F looks like.

```
.text, #text, p{  
    color:#C2AE4F  
}
```

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 #C2AE4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2AE4F
}
```

Border

The CSS property to change the border of an element to Hex C2AE4F 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
#C2AE4F }
```

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

```
.border{ border-color:#C2AE4F }
```

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

Here you see how a box with a 4 pixel #C2AE4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2AE4F; -webkit-box-shadow:4px 4px  
4px 4px #C2AE4F; box-shadow:4px 4px 4px  
4px #C2AE4F }
```

Background

The CSS property to change the background color of an element to Hex C2AE4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2AE4F }
```

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

```
.background{ background-color:#C2AE4F }
```

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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