

Converting Colors

Hex(C3AE23)

Have a look what the booklet for
Hex(C3AE23) contains.

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Color

Hex(C3AE23)

Conversions

Conversions Part 1

Format	Color
Hex	C3AE23
RGB	195, 174, 35
RGB Percent	76%, 68%, 14%
CMY	0.2353, 0.3176, 0.8627
CMYK	0.00, 0.11, 0.82, 0.24
HSL	52°, 70%, 45%
HSV	52°, 82%, 76%
XYZ	37.9451, 41.9956, 7.6961
YIQ	164.4330, 57.1350, -38.7770

Conversions

Conversions Part 2

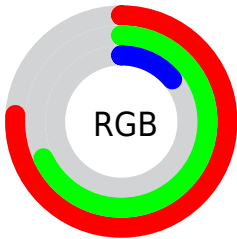
Format	Color
RYB	59, 195, 35
Decimal	12824099
CIELab	70.87, -6.27, 67.08
CIELCh	71, 67.371, 95.336
Yxy	41.9956, 0.4330, 0.4792
Android (android.graphics.Color)	4291014179 (0xFFC3AE23)
YUV	164.4330, -63.8105, 26.8073
Hunter-Lab	64.8040, -8.8887, 38.3215

Details

The Hex color **C3AE23** 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 **2338C3**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFE55E**, and **897A00** is the 20% darker color. If you saturate the color by 10%, you get **C3AB0F**, and if you desaturate by 10%, it is **C3B136**.

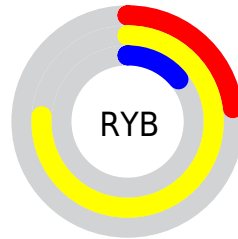
Distribution



Red (76%)

Green (68%)

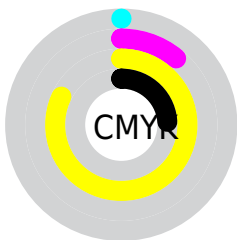
Blue (14%)



Red (23%)

Yellow (76%)

Blue (14%)

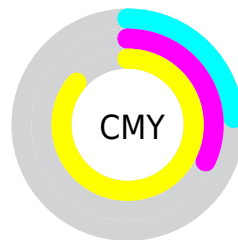


Cyan (0%)

Magenta (11%)

Yellow (82%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3AE23 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 C3AE23 by changing the saturation by 10% instead.

 C3AE23

 C3AE23

FFFFFF

 A69400

 FFE55E

 897A00

 FFFF7A

 6D6100

 FFFF95

 524A00

 FFFFB1

 373400

 FFFFCE

 1E1F00

 FFFFEB

 000600

 000000

 C3AE23

 C3AE23

 C3AB0F

 C3B136

 C3A900

 C3B34A

 C3B65D

 C3B871

 C3BB84

 C3BD98

 C3C0AB

 C3C2BF

 C3C5D2

Harmonies

Analogous

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



F5973A



C3AE23



83BE41

Triad

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



C3AE23



00C9F3



FF7EE2

Complementary

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



C3AE23



2338C3

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.



BE98FF



C3AE23



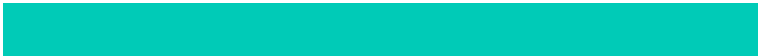
00C1FF

Square

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



C3AE23



00CBB7



29B1FF



FF73A5

Rectangle

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



C3AE23



46C564



29B1FF



EF86F4

Sweetspot

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



C3AE23



FCF4BD



C32338



807A59



000000



808080

Same Dimension

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



C3AE23



FCDC05



88C323



616057



A18C00



211D00

Inverse Universe

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



2338C3



0526FC



5E23C3



575861



0015A1



000421

Previews

White Background



This preview shows how the Hex color C3AE23 looks on a white background.

Color Contrast Check

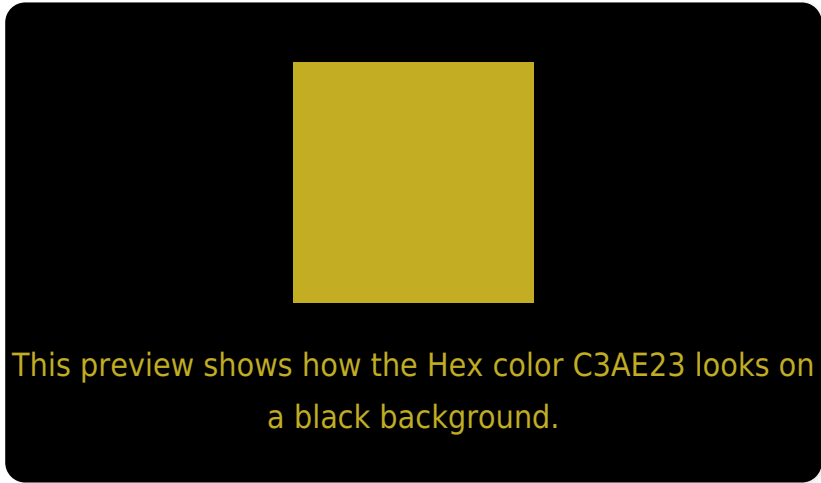
Large Text (above 18pt) WCAG AA × Fail

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 C3AE23 Background



This preview shows how black text looks on a background with the Hex color C3AE23.



This preview shows how white text looks on a background with the Hex color C3AE23.

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

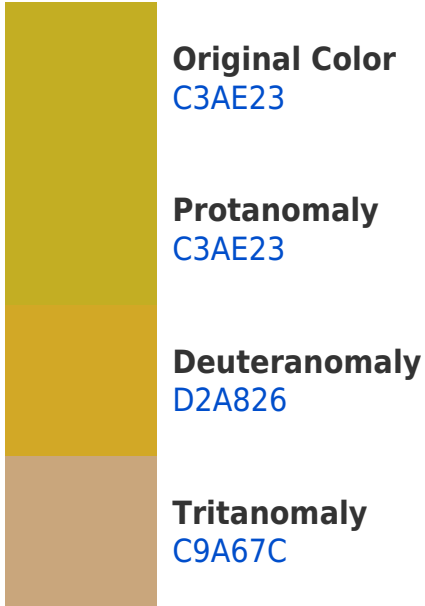


Original Color
C3AE23

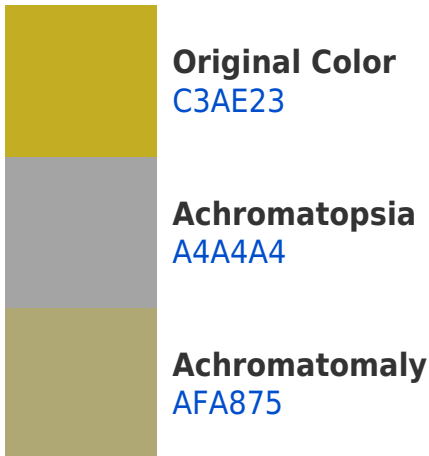
Protanopia
C3AE23

Deuteranopia
DAA528

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3AE23 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 #C3AE23 looks like.

```
.text, #text, p{  
    color:#C3AE23  
}
```

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 #C3AE23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3AE23
}
```

Border

The CSS property to change the border of an element to Hex C3AE23 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
#C3AE23 }
```

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

```
.border{ border-color:#C3AE23 }
```

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

Here you see how a box with a 4 pixel #C3AE23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3AE23; -webkit-box-shadow:4px 4px  
4px 4px #C3AE23; box-shadow:4px 4px 4px  
4px #C3AE23 }
```

Background

The CSS property to change the background color of an element to Hex C3AE23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3AE23 }
```

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

```
.background{ background-color:#C3AE23 }
```

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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