

Converting Colors

Hex(C3A432)

Have a look what the booklet for
Hex(C3A432) contains.

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Color

Hex(C3A432)

Conversions

Conversions Part 1

Format	Color
Hex	C3A432
RGB	195, 164, 50
RGB Percent	76%, 64%, 20%
CMY	0.2353, 0.3569, 0.8039
CMYK	0.00, 0.16, 0.74, 0.24
HSL	47°, 59%, 48%
HSV	47°, 74%, 76%
XYZ	36.3569, 38.3833, 8.5101
YIQ	160.2730, 55.0700, -28.8820

Conversions

Conversions Part 2

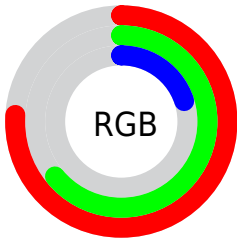
Format	Color
R _Y B	89, 195, 50
Decimal	12821554
CIE Lab	68.30, -0.42, 59.84
CIE LCh	68, 59.839, 90.399
Yxy	38.3833, 0.4367, 0.4611
Android (android.graphics.Color)	4291011634 (0xFFC3A432)
YUV	160.2730, -54.3646, 30.4556
Hunter-Lab	61.9543, -3.6701, 35.2238

Details

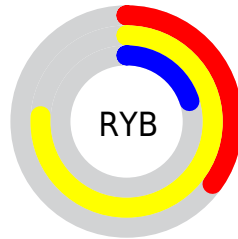
The Hex color **C3A432** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3251C3**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFDB68**, and **897100** is the 20% darker color. If you saturate the color by 10%, you get **C3A01E**, and if you desaturate by 10%, it is **C3A845**.

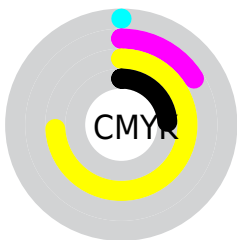
Distribution



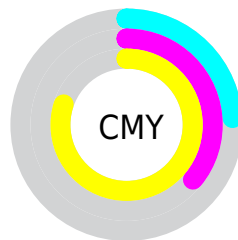
- Red (76%)
- Green (64%)
- Blue (20%)



- Red (35%)
- Yellow (76%)
- Blue (20%)



- Cyan (0%)
- Magenta (16%)
- Yellow (74%)
- Black (24%)



- Cyan (24%)
- Magenta (36%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3A432 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 C3A432 by changing the saturation by 10% instead.

 C3A432

 C3A432

FFFFFF

 A68A12

 FFDB68

 897100

 FFF783

 6E5800

 FFFF9E

 524100

 FFFFBA

 382C00

 FFFFD7

 1F1800

 FFFFF4

 000000

 C3A432

 C3A432

 C3A01E

 C3A845

 C39C0B

 C3AC59

 C39900

 C3B16D

 C3B580

 C3B993

 C3BDA7

 C3C1BA

 C3C5CE

 C3CAE1

Harmonies

Analogous

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



ED9048



C3A432



8DB343

Triad

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



C3A432



00C0DC



E982DD

Complementary

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



C3A432



3251C3

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.



A998FF



C3A432



00BAFF

Square

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



C3A432



00C1A6



1AACFF



FF75A8

Rectangle

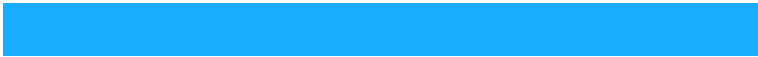
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C3A432



5FBA5E



1AACFF



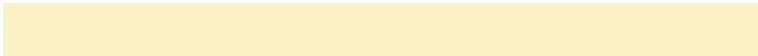
D789EC

Sweetspot

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



C3A432



FCF1C5



C33251



80785E



000000



808080

Same Dimension

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



C3A432



FCCC1C



9AC332



615F57



A17E00



211A00

Inverse Universe

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



3251C3



1C4CFC



5B32C3



575961



0022A1



000721

Previews

White Background



This preview shows how the Hex color C3A432 looks on a white background.

Color Contrast Check

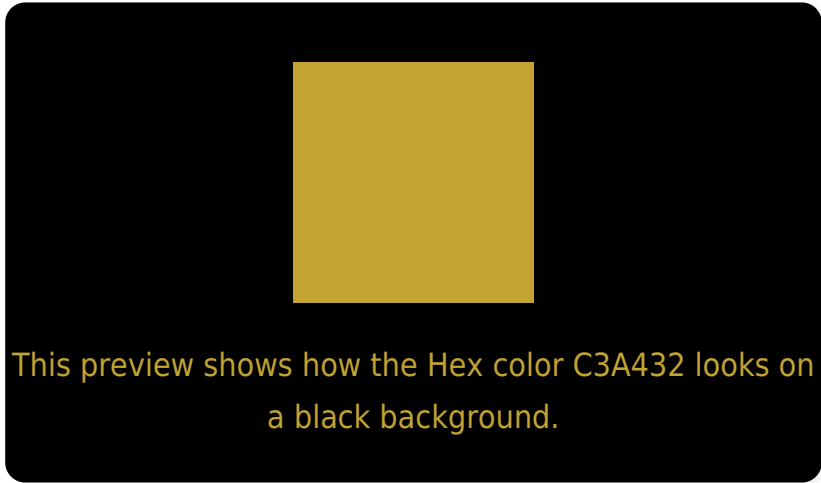
Large Text (above 18pt) WCAG AA × Fail

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 C3A432 Background



This preview shows how black text looks on a background with the Hex color C3A432.



This preview shows how white text looks on a background with the Hex color C3A432.

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
C3A432

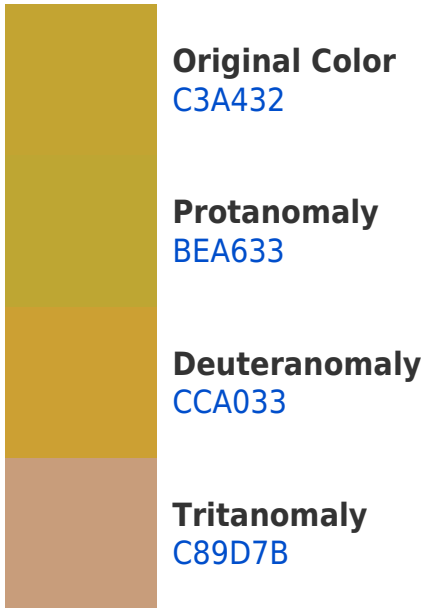
Protanopia
BBA733

Deuteranopia
D19E34

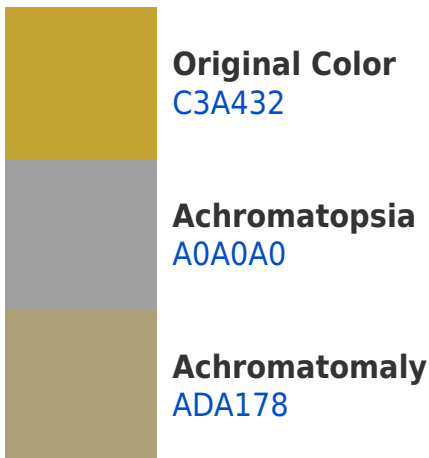


Tritanopia
CB99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3A432 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 #C3A432 looks like.

```
.text, #text, p{  
    color:#C3A432  
}
```

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 #C3A432 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3A432  
}
```

Border

The CSS property to change the border of an element to Hex C3A432 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  
#C3A432 }
```

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

```
.border{ border-color:#C3A432 }
```

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

Here you see how a box with a 4 pixel #C3A432 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3A432; -webkit-box-shadow:4px 4px  
4px 4px #C3A432; box-shadow:4px 4px 4px  
4px #C3A432 }
```

Background

The CSS property to change the background color of an element to Hex C3A432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3A432 }
```

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

```
.background{ background-color:#C3A432 }
```

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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