

Converting Colors

Hex(C3A368)

Have a look what the booklet for
Hex(C3A368) contains.

Hex(C3A368)	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(C3A368)

Conversions

Conversions Part 1

Format	Color
Hex	C3A368
RGB	195, 163, 104
RGB Percent	76%, 64%, 41%
CMY	0.2353, 0.3608, 0.5922
CMYK	0.00, 0.16, 0.47, 0.24
HSL	39°, 43%, 59%
HSV	39°, 47%, 76%
XYZ	38.1016, 38.7960, 18.5769
YIQ	165.8420, 38.0110, -11.5650

Conversions

Conversions Part 2

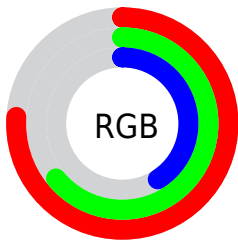
Format	Color
RYB	153, 195, 104
Decimal	12821352
CIELab	68.60, 4.00, 34.94
CIElCh	69, 35.170, 83.467
Yxy	38.7960, 0.3991, 0.4063
Android (android.graphics.Color)	4291011432 (0xFFC3A368)
YUV	165.8420, -30.4881, 25.5716
Hunter-Lab	62.2864, 0.1900, 25.9173

Details

The Hex color **C3A368** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6888C3**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FDDA9C**, and **8B7037** is the 20% darker color. If you saturate the color by 10%, you get **C39C55**, and if you desaturate by 10%, it is **C3AA7B**.

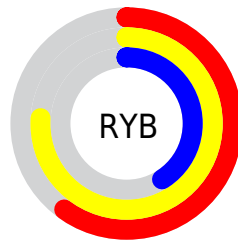
Distribution



Red (76%)

Green (64%)

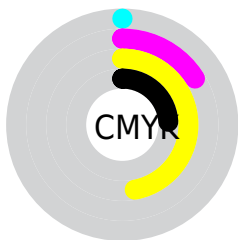
Blue (41%)



Red (60%)

Yellow (76%)

Blue (41%)

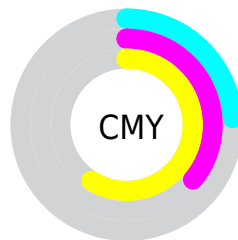


Cyan (0%)

Magenta (16%)

Yellow (47%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3A368 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 C3A368 by changing the saturation by 10% instead.



C3A368



C3A368

FFFFFF



A7894F



FDDA9C



8B7037



FFF6B7



705720



FFFFD3



564007



FFFFF0



3E2A00



251600



000000



C3A368



C3A368



C39C55



C3AA7B

 C39541

 C3B18F

 C38E2E

 C3B8A3

 C3881A

 C3BEB6

 C38107

 C3C5CA

 C37E00

 C3CCDD

 C3D3F1

 C3DAFF

 C3E1FF

Harmonies

Analogous

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



DB9875



C3A368



A3AD6C

Triad

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



C3A368



32B8C0



C996CE

Complementary

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



C3A368



6888C3

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.



A1A2E2



C3A368



3DB4DA

Square

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



C3A368



56B89F



6FADE6



E08FB0

Rectangle

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



C3A368



8BB278



6FADE6



BD9AD6

Sweetspot

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



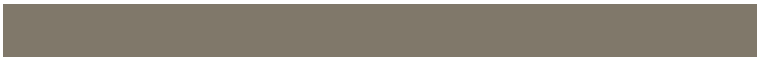
C3A368



FCF0D9



C36889



80786A



000000



808080

Same Dimension

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



C3A368



FCCB6F



B7C368



615D57



A16800



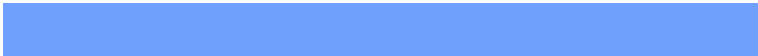
211500

Inverse Universe

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



6888C3



6FA1FC



7468C3



575B61



0038A1



000C21

Previews

White Background



This preview shows how the Hex color C3A368 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

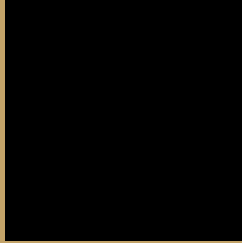
Any Text WCAG AA ✓ Pass

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 C3A368 Background



This preview shows how black text looks on a background with the Hex color C3A368.

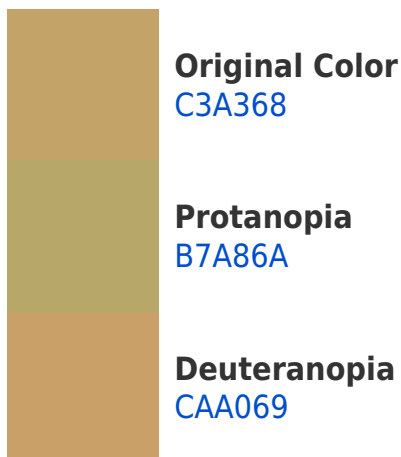


This preview shows how white text looks on a background with the Hex color C3A368.

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](#).

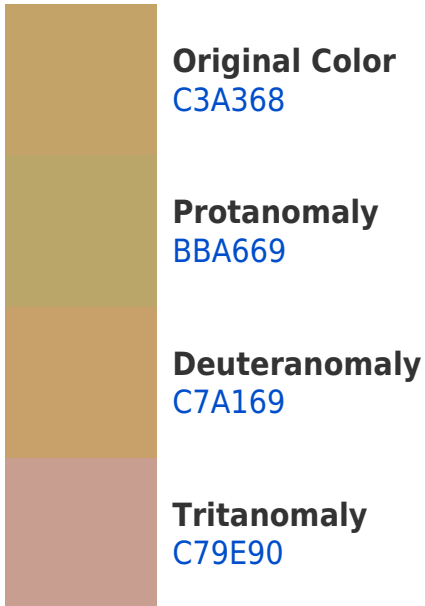
Dichromacy



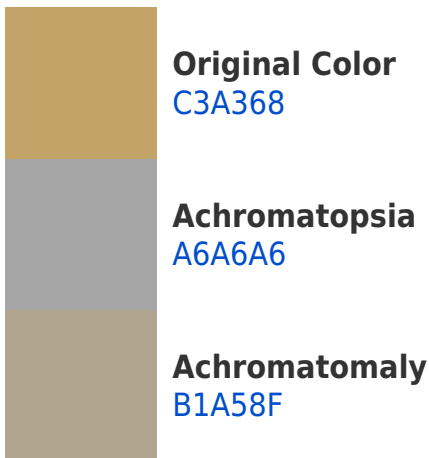


Tritanopia
C99BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3A368 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 #C3A368 looks like.

```
.text, #text, p{  
    color:#C3A368  
}
```

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 #C3A368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3A368
}
```

Border

The CSS property to change the border of an element to Hex C3A368 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
#C3A368 }
```

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

```
.border{ border-color:#C3A368 }
```

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

Here you see how a box with a 4 pixel #C3A368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3A368; -webkit-box-shadow:4px 4px  
4px 4px #C3A368; box-shadow:4px 4px 4px  
4px #C3A368 }
```

Background

The CSS property to change the background color of an element to Hex C3A368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3A368 }
```

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

```
.background{ background-color:#C3A368 }
```

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