

Converting Colors

Hex(C5A367)

Have a look what the booklet for
Hex(C5A367) contains.

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Color

Hex(C5A367)

Conversions

Conversions Part 1

Format	Color
Hex	C5A367
RGB	197, 163, 103
RGB Percent	77%, 64%, 40%
CMY	0.2275, 0.3608, 0.5961
CMYK	0.00, 0.17, 0.48, 0.23
HSL	38°, 45%, 59%
HSV	38°, 48%, 77%
XYZ	38.5713, 39.0440, 18.3353
YIQ	166.3260, 39.5240, -11.4520

Conversions

Conversions Part 2

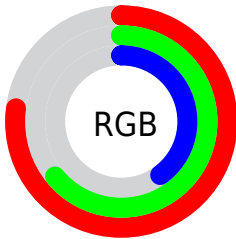
Format	Color
RYB	156, 197, 103
Decimal	12952423
CIELab	68.78, 4.73, 35.73
CIELCh	69, 36.047, 82.452
Yxy	39.0440, 0.4020, 0.4069
Android (android.graphics.Color)	4291142503 (0xFFC5A367)
YUV	166.3260, -31.2197, 26.9011
Hunter-Lab	62.4852, 0.8368, 26.3419

Details

The Hex color **C5A367** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6789C5**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFDA9B**, and **8D7036** is the 20% darker color. If you saturate the color by 10%, you get **C59C53**, and if you desaturate by 10%, it is **C5AA7B**.

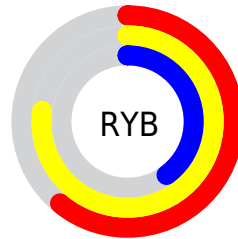
Distribution



Red (77%)

Green (64%)

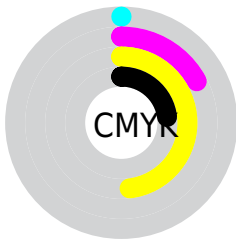
Blue (40%)



Red (61%)

Yellow (77%)

Blue (40%)

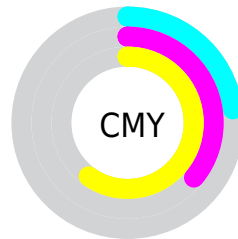


Cyan (0%)

Magenta (17%)

Yellow (48%)

Black (23%)



Cyan (23%)

Magenta (36%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5A367 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 C5A367 by changing the saturation by 10% instead.

 C5A367

 C5A367

FFFFFF

 A9894E

 FFDA9B

 8D7036

 FFF6B6

 72571F

 FFFFFD2

 584006

 FFFFFEF

 3F2A00

 261600

 000000

 C5A367

 C5A367

 C59C53

 C5AA7B

 C59540

 C5B18E

 C58E2C

 C5B8A2

 C58618

 C5C0B6

 C57F05

 C5C7CA

 C57E00

 C5CEDD

 C5D5F1

 C5DCFF

 C5E3FF

Harmonies

Analogous

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



DD9875



C5A367



A5AD6B

Triad

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



C5A367



2CB9C0



C997D0

Complementary

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



C5A367



6789C5

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.



A0A2E4



C5A367



35B5DB

Square

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



C5A367



55B99E



6BAEE8



E28FB1

Rectangle

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



C5A367



8CB377



6BAEE8



BD9AD8

Sweetspot

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



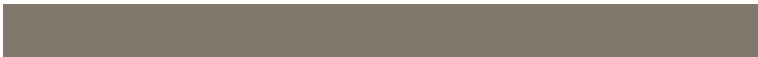
C5A367



FFF2DB



C56789



80786A



000000



808080

Same Dimension

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



C5A367



FFCA6E



B8C567



63605A



A36800



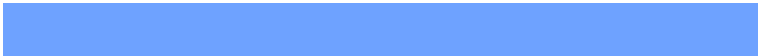
241700

Inverse Universe

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



6789C5



6EA2FF



7467C5



5A5D63



003BA3



000D24

Previews

White Background



This preview shows how the Hex color C5A367 looks on a white background.

Color Contrast Check

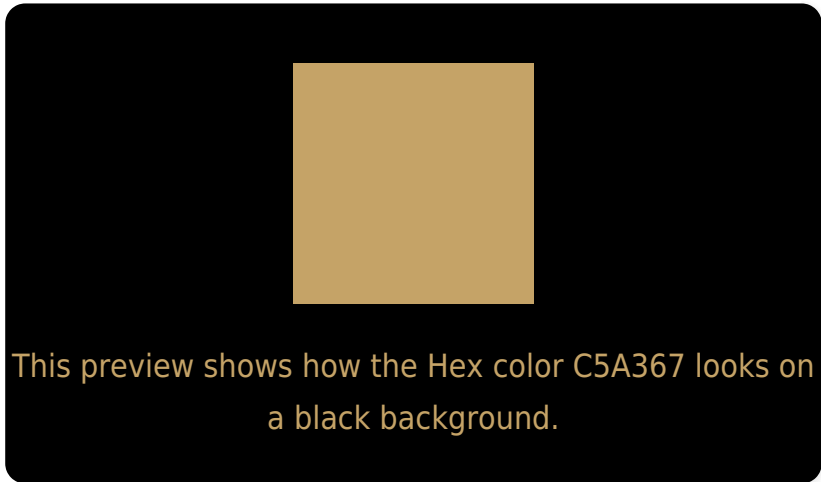
Large Text (above 18pt) WCAG AA × Fail

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

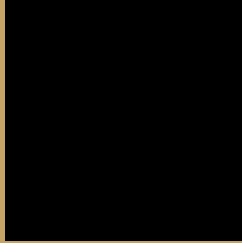
Any Text WCAG AA ✓ Pass

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 C5A367 Background



This preview shows how black text looks on a background with the Hex color C5A367.

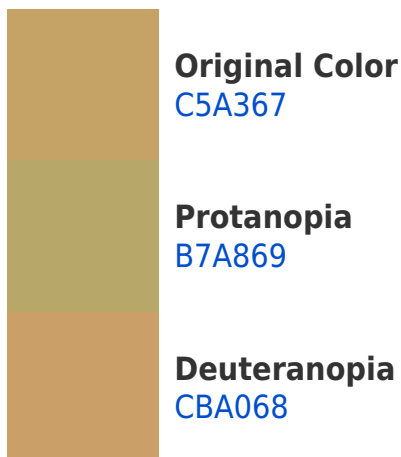


This preview shows how white text looks on a background with the Hex color C5A367.

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](#).

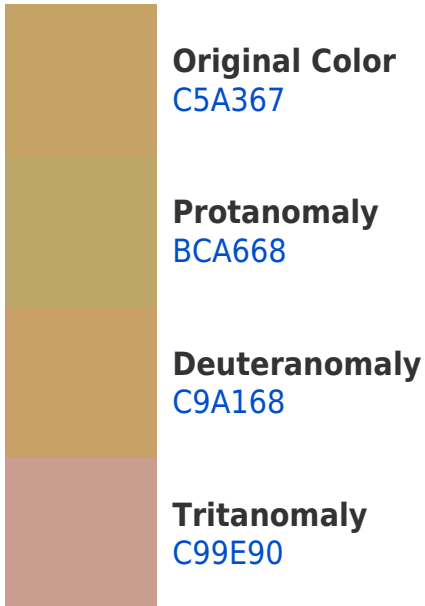
Dichromacy



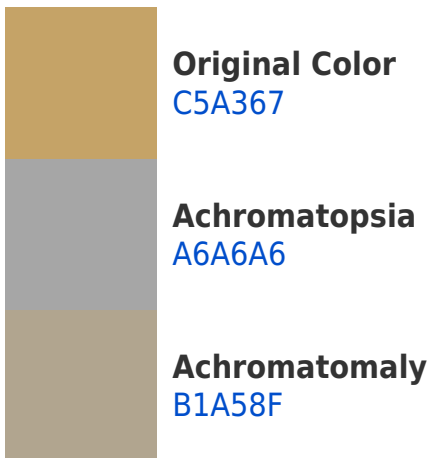


Tritanopia
CB9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5A367 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 #C5A367 looks like.

```
.text, #text, p{  
    color:#C5A367  
}
```

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 #C5A367 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5A367  
}
```

Border

The CSS property to change the border of an element to Hex C5A367 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  
#C5A367 }
```

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

```
.border{ border-color:#C5A367 }
```

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

Here you see how a box with a 4 pixel #C5A367 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5A367; -webkit-box-shadow:4px 4px  
4px 4px #C5A367; box-shadow:4px 4px 4px  
4px #C5A367 }
```

Background

The CSS property to change the background color of an element to Hex C5A367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5A367 }
```

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

```
.background{ background-color:#C5A367 }
```

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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