

Converting Colors

Hex(C8A342)

Have a look what the booklet for
Hex(C8A342) contains.

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Color

Hex(C8A342)

Conversions

Conversions Part 1

Format	Color
Hex	C8A342
RGB	200, 163, 66
RGB Percent	78%, 64%, 26%
CMY	0.2157, 0.3608, 0.7412
CMYK	0.00, 0.19, 0.67, 0.22
HSL	43°, 55%, 52%
HSV	43°, 67%, 78%
XYZ	37.9000, 38.8671, 10.6588
YIQ	163.0050, 53.1890, -22.3230

Conversions

Conversions Part 2

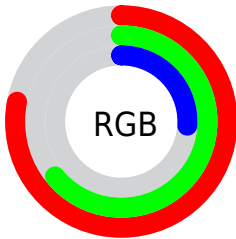
Format	Color
RYB	117, 200, 66
Decimal	13148994
CIELab	68.65, 3.13, 53.78
CIELCh	69, 53.873, 86.672
Yxy	38.8671, 0.4335, 0.4446
Android (android.graphics.Color)	4291339074 (0xFFC8A342)
YUV	163.0050, -47.8235, 32.4446
Hunter-Lab	62.3435, -0.5870, 33.5037

Details

The Hex color **C8A342** 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 **4267C8**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFDA76**, and **8E7006** is the 20% darker color. If you saturate the color by 10%, you get **C89D2E**, and if you desaturate by 10%, it is **C8A956**.

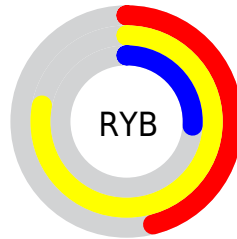
Distribution



Red (78%)

Green (64%)

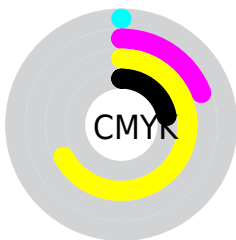
Blue (26%)



Red (46%)

Yellow (78%)

Blue (26%)

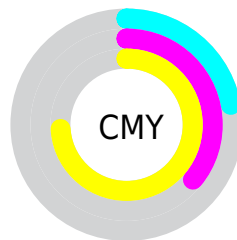


Cyan (0%)

Magenta (19%)

Yellow (67%)

Black (22%)



Cyan (22%)

Magenta (36%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color C8A342 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 C8A342 by changing the saturation by 10% instead.

 C8A342

 C8A342

FFFFFF

 AB8927

 FFDA76

 8E7006

 FFF691

 735700

 FFFFAD

 584000

 FFFFFC9

 3D2B00

 FFFFFE5

 241700

 000000

 C8A342

 C8A342

 C89D2E

 C8A956

 C8981A

 C8AE6A

 C89206

 C8B47E

 C89100

 C8B992

 C8BFA6

 C8C4BA

 C8CACE

 C8CFE2

 C8D5F6

Harmonies

Analogous

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



ED9157



C8A342



98B24C

Triad

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



C8A342



00BFD2



DE8ADE

Complementary

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



C8A342



4267C8

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.



A19DFF



C8A342



00BAF8

Square

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



C8A342



00BFA0



2FAEFF



FD7EAF

Rectangle

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



C8A342



71B862



2FAEFF



CD90EB

Sweetspot

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



C8A342



FFF1CC



C84268



807761



000000



808080

Same Dimension

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



C8A342



FFC733



ABC842



63615A



A37600



241A00

Inverse Universe

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



4267C8



336BFF



5F42C8



5A5C63



002DA3



000A24

Previews

White Background



This preview shows how the Hex color C8A342 looks on a white background.

Color Contrast Check

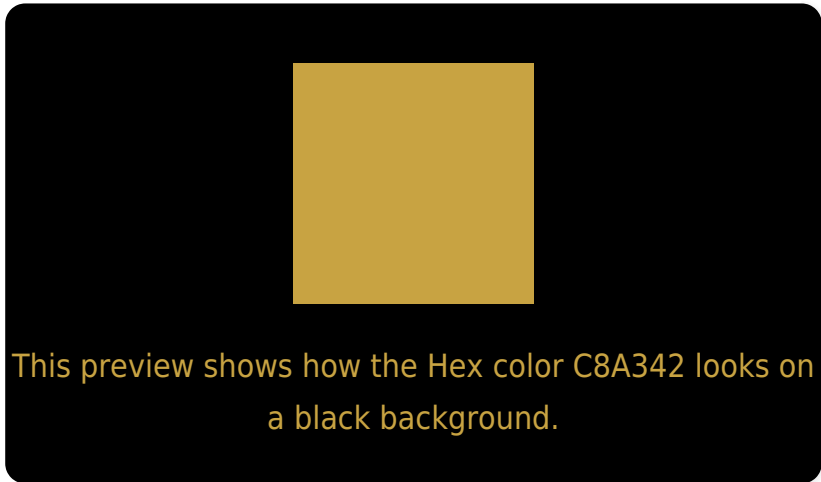
Large Text (above 18pt) WCAG AA × Fail

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 C8A342 Background



This preview shows how black text looks on a background with the Hex color C8A342.



This preview shows how white text looks on a background with the Hex color C8A342.

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
C8A342

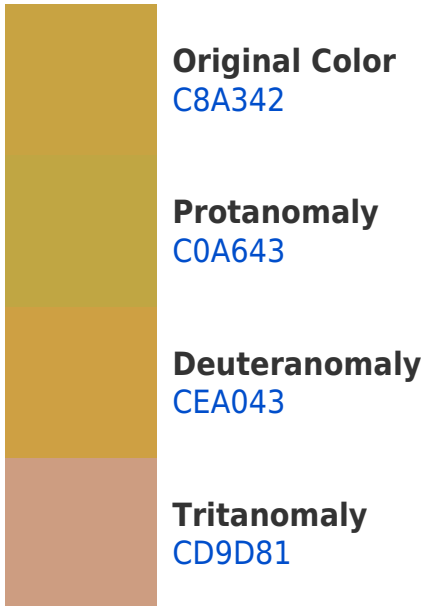
Protanopia
BBA843

Deuteranopia
D19F43

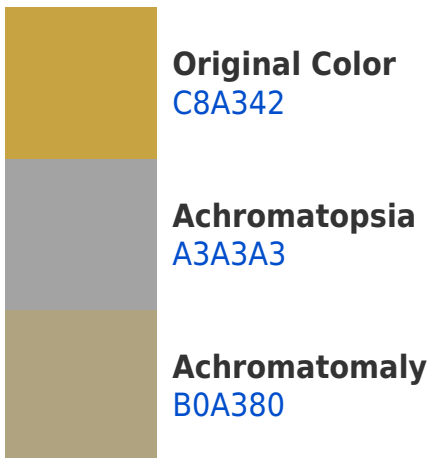


Tritanopia
D099A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C8A342 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 #C8A342 looks like.

```
.text, #text, p{  
    color:#C8A342  
}
```

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 #C8A342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8A342
}
```

Border

The CSS property to change the border of an element to Hex C8A342 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
#C8A342 }
```

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

```
.border{ border-color:#C8A342 }
```

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

Here you see how a box with a 4 pixel #C8A342 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8A342; -webkit-box-shadow:4px 4px  
4px 4px #C8A342; box-shadow:4px 4px 4px  
4px #C8A342 }
```

Background

The CSS property to change the background color of an element to Hex C8A342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8A342 }
```

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

```
.background{ background-color:#C8A342 }
```

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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