

Converting Colors

Hex(C5A445)

Have a look what the booklet for
Hex(C5A445) contains.

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Color

Hex(C5A445)

Conversions

Conversions Part 1

Format	Color
Hex	C5A445
RGB	197, 164, 69
RGB Percent	77%, 64%, 27%
CMY	0.2275, 0.3569, 0.7294
CMYK	0.00, 0.17, 0.65, 0.23
HSL	45°, 52%, 52%
HSV	45°, 65%, 77%
XYZ	37.3756, 38.8509, 11.1593
YIQ	163.0370, 50.1630, -22.5490

Conversions

Conversions Part 2

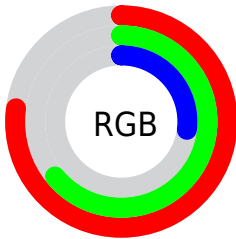
Format	Color
RYB	113, 197, 69
Decimal	12952645
CIELab	68.64, 1.47, 52.34
CIElCh	69, 52.362, 88.388
Yxy	38.8509, 0.4277, 0.4446
Android (android.graphics.Color)	4291142725 (0xFFC5A445)
YUV	163.0370, -46.3602, 29.7856
Hunter-Lab	62.3305, -2.0434, 33.0164

Details

The Hex color **C5A445** 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 **4566C5**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFDB79**, and **8C710C** is the 20% darker color. If you saturate the color by 10%, you get **C59F31**, and if you desaturate by 10%, it is **C5A959**.

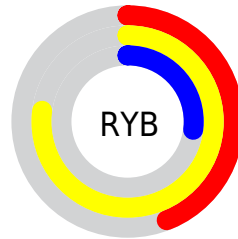
Distribution



Red (77%)

Green (64%)

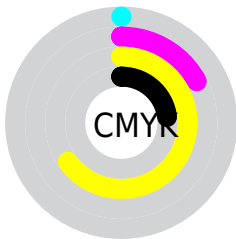
Blue (27%)



Red (44%)

Yellow (77%)

Blue (27%)

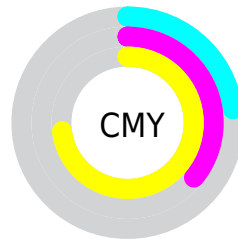


Cyan (0%)

Magenta (17%)

Yellow (65%)

Black (23%)



Cyan (23%)

Magenta (36%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5A445 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 C5A445 by changing the saturation by 10% instead.

 C5A445

 C5A445

FFFFFF

 A88A2B

 FFDB79

 8C710C

 FFF794

 705800

 FFFFFAF

 564100

 FFFFFCC

 3B2C00

 FFFFFE8

 221700

 000000

 C5A445

 C5A445

 C59F31

 C5A959

 C59A1E

 C5AE6C

 C5950A

 C5B380

 C59200

 C5B894

 C5BDA8

 C5C2BB

 C5C8CF

 C5CDE3

 C5D2F6

Harmonies

Analogous

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



EA9357



C5A445



96B250

Triad

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



C5A445



00BFD3



DF8ADA

Complementary

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



C5A445



4566C5

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.



A69CFB



C5A445



00B9F7

Square

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



C5A445



00BFA3



43ADFF



FC7FAC

Rectangle

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



C5A445



70B866



43ADFF



CF8FE7

Sweetspot

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



C5A445



FFF3CF



C54567



807862



000000



808080

Same Dimension

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



C5A445



FFCC38



A7C545



63615A



A37900



241A00

Inverse Universe

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



4566C5



386BFF



6345C5



5A5C63



002AA3



000924

Previews

White Background



This preview shows how the Hex color C5A445 looks on a white background.

Color Contrast Check

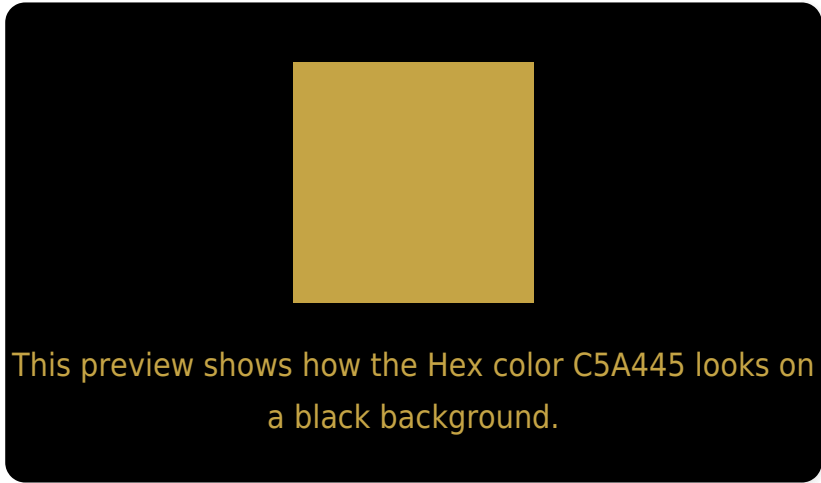
Large Text (above 18pt) WCAG AA × Fail

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 C5A445 Background



This preview shows how black text looks on a background with the Hex color C5A445.

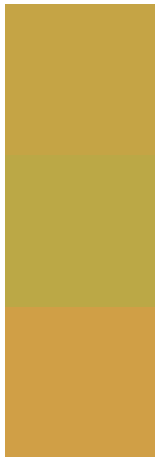


This preview shows how white text looks on a background with the Hex color C5A445.

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
C5A445

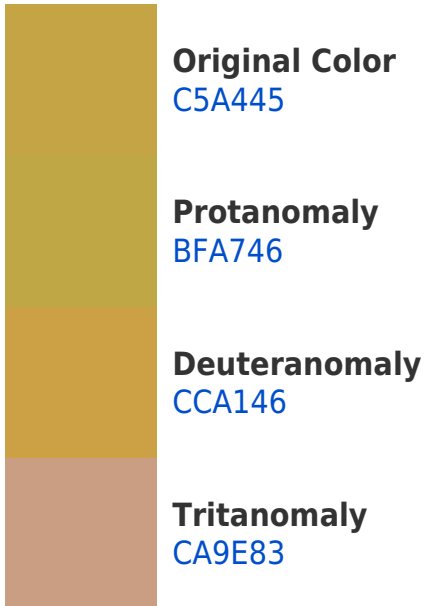
Protanopia
BBA846

Deuteranopia
D09F46

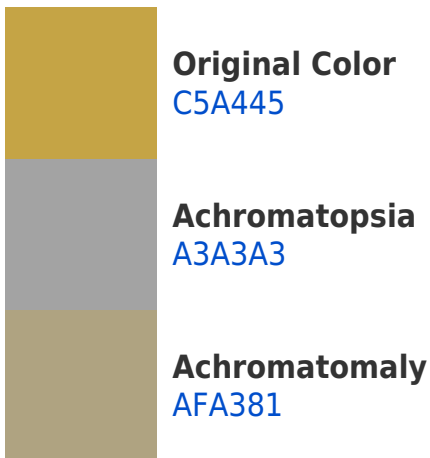


Tritanopia
CD9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5A445 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 #C5A445 looks like.

```
.text, #text, p{  
    color:#C5A445  
}
```

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 #C5A445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5A445
}
```

Border

The CSS property to change the border of an element to Hex C5A445 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
#C5A445 }
```

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

```
.border{ border-color:#C5A445 }
```

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

Here you see how a box with a 4 pixel #C5A445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5A445; -webkit-box-shadow:4px 4px  
4px 4px #C5A445; box-shadow:4px 4px 4px  
4px #C5A445 }
```

Background

The CSS property to change the background color of an element to Hex C5A445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5A445 }
```

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

```
.background{ background-color:#C5A445 }
```

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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