

Converting Colors

Hex(C6AC41)

Have a look what the booklet for
Hex(C6AC41) contains.

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Color

Hex(C6AC41)

Conversions

Conversions Part 1

Format	Color
Hex	C6AC41
RGB	198, 172, 65
RGB Percent	78%, 67%, 25%
CMY	0.2235, 0.3255, 0.7451
CMYK	0.00, 0.13, 0.67, 0.22
HSL	48°, 54%, 52%
HSV	48°, 67%, 78%
XYZ	38.9954, 41.8925, 11.0318
YIQ	167.5760, 49.8430, -27.7650

Conversions

Conversions Part 2

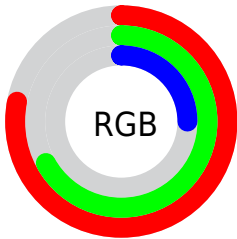
Format	Color
R _Y B	97, 198, 65
Decimal	13020225
CIE Lab	70.80, -2.59, 56.41
CIE LCh	71, 56.471, 92.632
Yxy	41.8925, 0.4242, 0.4558
Android (android.graphics.Color)	4291210305 (0xFFC6AC41)
YUV	167.5760, -50.5700, 26.6818
Hunter-Lab	64.7244, -5.7244, 35.2015

Details

The Hex color **C6AC41** 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 **415BC6**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFE376**, and **8D7800** is the 20% darker color. If you saturate the color by 10%, you get **C6A82D**, and if you desaturate by 10%, it is **C6B055**.

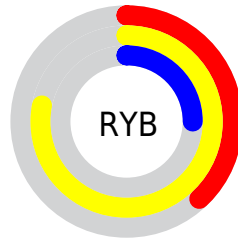
Distribution



Red (78%)

Green (67%)

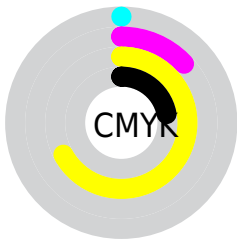
Blue (25%)



Red (38%)

Yellow (78%)

Blue (25%)

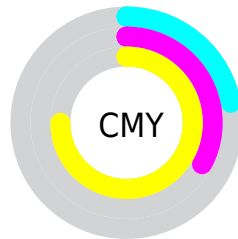


Cyan (0%)

Magenta (13%)

Yellow (67%)

Black (22%)



Cyan (22%)

Magenta (33%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6AC41 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 C6AC41 by changing the saturation by 10% instead.

 C6AC41

 C6AC41

FFFFFF

 A99226

 FFE376

 8D7800

 FFFF91

 716000

 FFFFAD

 564800

 FFFFC9

 3C3200

 FFFFE5

 231D00

 000500

 000000

 C6AC41

 C6AC41

 C6A82D

 C6B055

 C6A419

 C6B469

 C6A006

 C6B87C

 C69F00

 C6BB90

 C6BFA4

 C6C3B8

 C6C7CC

 C6CBDF

 C6CFF3

Harmonies

Analogous

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



EF9952



C6AC41



91BA52

Triad

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



C6AC41



00C6E3



F08ADD

Complementary

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



C6AC41



415BC6

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.



B69EFF



C6AC41



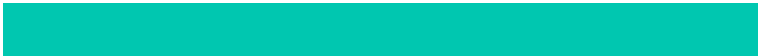
00BFFF

Square

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



C6AC41



00C7B0



50B1FF



FF80AB

Rectangle

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



C6AC41



65C16C



50B1FF



E090EC

Sweetspot

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



C6AC41



FFF5CC



C6415C



807A61



000000



808080

Same Dimension

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



C6AC41



FFD730



9EC641



63625A



A38300



241D00

Inverse Universe

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



415BC6



3059FF



6941C6



5A5B63



0020A3



000724

Previews

White Background



This preview shows how the Hex color C6AC41 looks on a white background.

Color Contrast Check

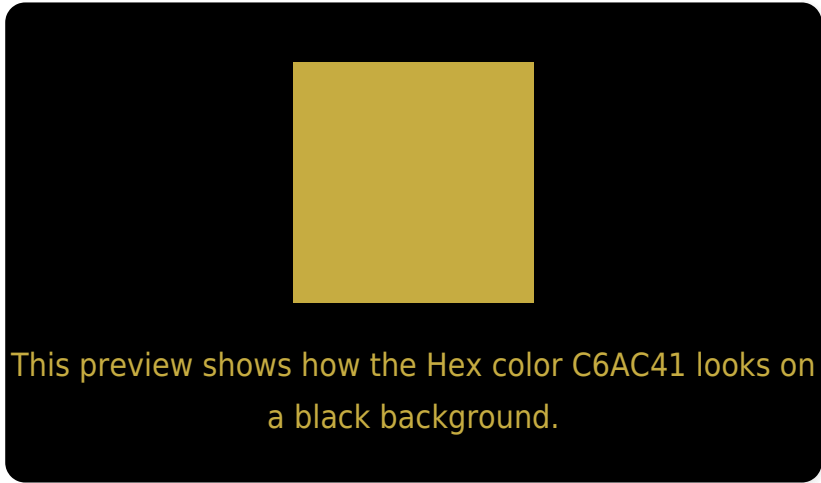
Large Text (above 18pt) WCAG AA × Fail

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 C6AC41 Background



This preview shows how black text looks on a background with the Hex color C6AC41.

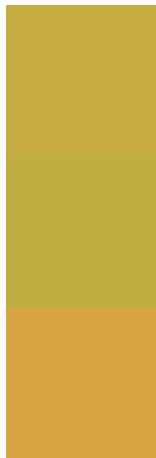


This preview shows how white text looks on a background with the Hex color C6AC41.

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

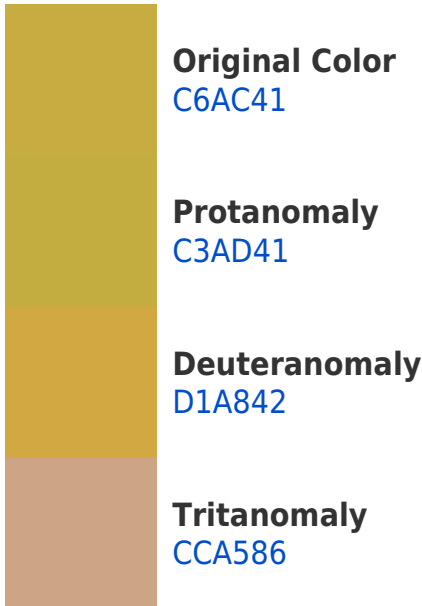


Original Color
C6AC41

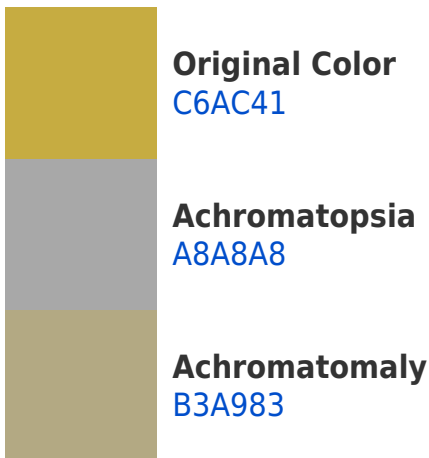
Protanopia
C1AE41

Deuteranopia
D8A543

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6AC41 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 #C6AC41 looks like.

```
.text, #text, p{  
    color:#C6AC41  
}
```

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 #C6AC41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6AC41
}
```

Border

The CSS property to change the border of an element to Hex C6AC41 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
#C6AC41 }
```

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

```
.border{ border-color:#C6AC41 }
```

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

Here you see how a box with a 4 pixel #C6AC41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6AC41; -webkit-box-shadow:4px 4px  
4px 4px #C6AC41; box-shadow:4px 4px 4px  
4px #C6AC41 }
```

Background

The CSS property to change the background color of an element to Hex C6AC41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6AC41 }
```

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

```
.background{ background-color:#C6AC41 }
```

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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