

# Converting Colors

Hex(C3C65A)

Have a look what the booklet for  
Hex(C3C65A) contains.

<b>Hex(C3C65A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C3C65A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3C65A
RGB	195, 198, 90
RGB Percent	76%, 78%, 35%
CMY	0.2353, 0.2235, 0.6471
CMYK	0.02, 0.00, 0.55, 0.22
HSL	62°, 49%, 56%
HSV	62°, 55%, 78%
XYZ	44.5452, 52.7285, 17.5027
YIQ	184.7910, 32.8800, -34.2240

# Conversions

## Conversions Part 2

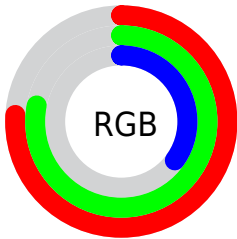
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 198, 93
Decimal	12830298
CIELab	77.71, -15.56, 52.83
CIELCh	78, 55.075, 106.412
Yxy	52.7285, 0.3881, 0.4594
Android (android.graphics.Color)	4291020378 (0xFFC3C65A)
YUV	184.7910, -46.7320, 8.9533
Hunter-Lab	72.6144, -17.5744, 36.5390

# Details

The Hex color **C3C65A** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **5D5AC6**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FDF88F**, and **8B9025** is the 20% darker color. If you saturate the color by 10%, you get **C2C646**, and if you desaturate by 10%, it is **C4C66E**.

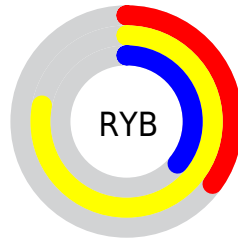
# Distribution



Red (76%)

Green (78%)

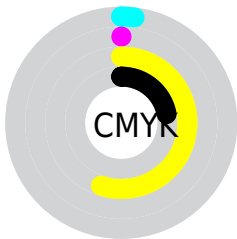
Blue (35%)



Red (35%)

Yellow (78%)

Blue (36%)

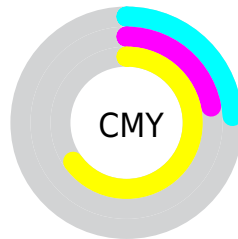


Cyan (2%)

Magenta (0%)

Yellow (55%)

Black (22%)



Cyan (24%)

Magenta (22%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3C65A 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 C3C65A by changing the saturation by 10% instead.



 C3C65A

FFFFFF

 FDF88F

 FFFA8F

 FFFC8F

 FFFFEE3

 C3C65A

 C3C65A

 A7AB40

 8B9025

 707701

 555E00

 3C4700

 223000

 031C00

 000000

 C3C65A

 C2C646

 C4C66E

 C2C632

 C4C682

 C1C61F

 C5C695

 C1C60B

 C5C6A9

 C1C600

 C6C6BD

 C6C6D1

 C7C6E5

 C7C6F8

 C8C6FF

# Harmonies

## Analogous

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



F2B55B



C3C65A



89D277

# Triad

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



C3C65A



00D6FF



FF98DA

# Complementary

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



C3C65A



5D5AC6

# 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.



E8A8FF



C3C65A



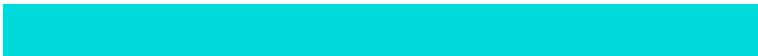
00CCFF

# Square

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



C3C65A



00DADB



9EBCFF



FF96A6

# Rectangle

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



C3C65A



56D795



9EBCFF



FF9CEA



# Sweetspot

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



C3C65A



FEFFD6



C65C5A



7F8067



000000



808080



# Same Dimension

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



C3C65A



FAFF59



8EC65A



63635A



9FA300



232400



# Inverse Universe

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



5D5AC6



5E59FF



925AC6



5A5A63



0500A3



010024



# Previews

## White Background



This preview shows how the Hex color C3C65A looks on a white background.

## Color Contrast Check

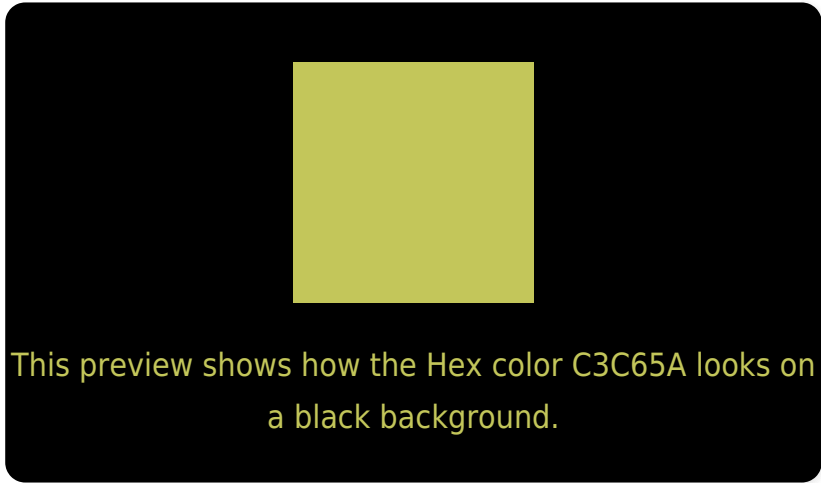
Large Text (above 18pt) WCAG AA × Fail

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

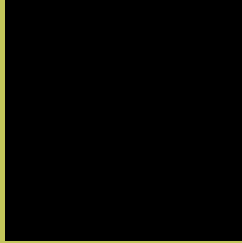
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C3C65A Background



This preview shows how black text looks on a background with the Hex color C3C65A.

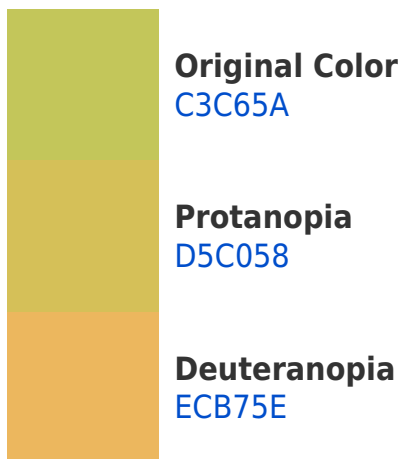


This preview shows how white text looks on a background with the Hex color C3C65A.

# Color Blindness Simulation

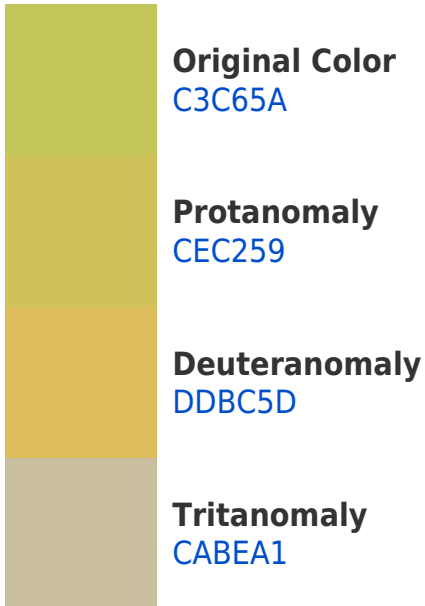
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3C65A 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 #C3C65A looks like.

```
.text, #text, p{  
    color:#C3C65A  
}
```

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 #C3C65A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3C65A
}
```

## Border

The CSS property to change the border of an element to Hex C3C65A 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
#C3C65A }
```

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

```
.border{ border-color:#C3C65A }
```

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

Here you see how a box with a 4 pixel #C3C65A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3C65A; -webkit-box-shadow:4px 4px  
4px 4px #C3C65A; box-shadow:4px 4px 4px  
4px #C3C65A }
```

# Background

The CSS property to change the background color of an element to Hex C3C65A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3C65A }
```

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

```
.background{ background-color:#C3C65A }
```

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