

# Converting Colors

Hex(C2C436)

Have a look what the booklet for  
Hex(C2C436) contains.

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**Color**

**Hex(C2C436)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2C436
RGB	194, 196, 54
RGB Percent	76%, 77%, 21%
CMY	0.2392, 0.2314, 0.7882
CMYK	0.01, 0.00, 0.72, 0.23
HSL	61°, 57%, 49%
HSV	61°, 72%, 77%
XYZ	42.6539, 51.2155, 11.1275
YIQ	179.2140, 44.3900, -44.5860

# Conversions

## Conversions Part 2

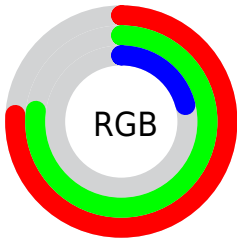
Format	Color
<a href="#">RYB</a>	<a href="#">54, 196, 56</a>
Decimal	<a href="#">12764214</a>
CIELab	<a href="#">76.81, -17.24, 66.51</a>
CIELCh	<a href="#">77, 68.707, 104.529</a>
Yxy	<a href="#">51.2155, 0.4062, 0.4878</a>
Android (android.graphics.Color)	<a href="#">4290954294</a> (0xFFC2C436)
YUV	<a href="#">179.2140, -61.7305, 12.9673</a>
Hunter-Lab	<a href="#">71.5650, -18.8499, 40.8766</a>

# Details

The Hex color **C2C436** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3836C4**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FDFC6F**, and **898F00** is the 20% darker color. If you saturate the color by 10%, you get **C2C422**, and if you desaturate by 10%, it is **C2C44A**.

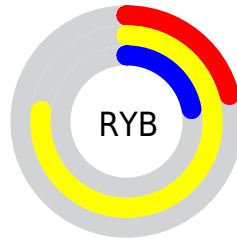
# Distribution



Red (76%)

Green (77%)

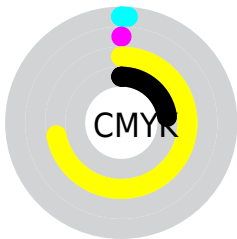
Blue (21%)



Red (21%)

Yellow (77%)

Blue (22%)

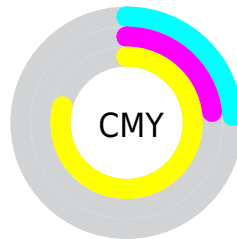


Cyan (1%)

Magenta (0%)

Yellow (72%)

Black (23%)



Cyan (24%)

Magenta (23%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2C436 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 C2C436 by changing the saturation by 10% instead.



 C2C436

 C2C436

FFFFFF

 A5A912

 FDFC6F

 898F00

 FFFF8A

 6D7500

 FFFFA6

 525D00

 FFFFC3

 374500

 FFFFEO

 1D2F00

FFFFFFD

 001B00

 000000

 C2C436

 C2C436

 C2C422

 C2C44A

 C1C40F

 C3C45D

 C1C400

 C3C471

 C3C484

 C3C498

 C4C4AC

 C4C4BF

 C4C4D3

 C4C4E6

# Harmonies

## Analogous

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



FBAE3C



C2C436



7AD25E

# Triad

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



C2C436



00D9FF



FF88E1

# Complementary

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



C2C436



3836C4

# 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.



E99FFF



C2C436



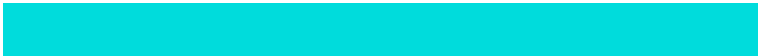
00CEFF

# Square

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



C2C436



00DCDC



80BAFF



FF84A1

# Rectangle

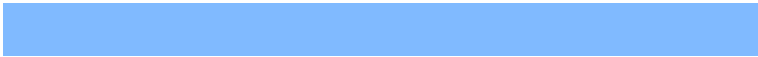
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C2C436



1FD884



80BAFF



FF8EF5



# Sweetspot

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



C2C436



FEFFC7



C43636



7F805E



000000



808080



# Same Dimension

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



C2C436



FCFF21



7DC436



616157



9EA100



212100



# Inverse Universe

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



3836C4



2421FF



7D36C4



575761



0200A1



000021



# Previews

## White Background



This preview shows how the Hex color C2C436 looks on a white background.

## Color Contrast Check

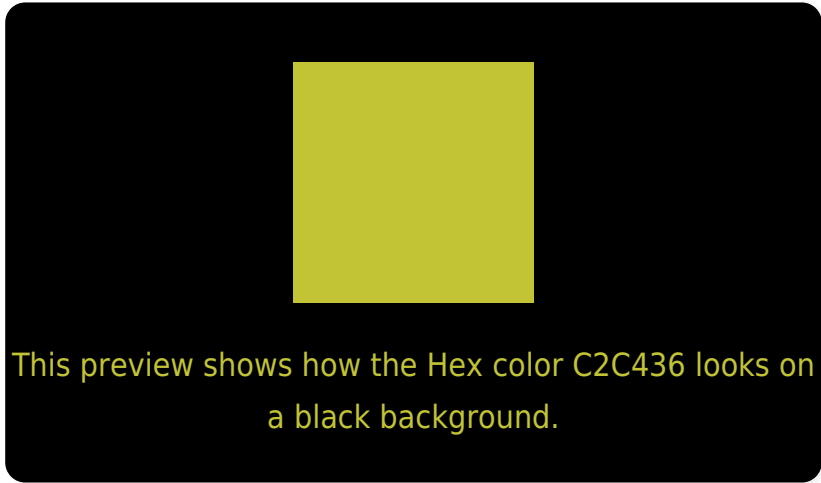
Large Text (above 18pt) WCAG AA × Fail

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 C2C436 Background



This preview shows how black text looks on a background with the Hex color C2C436.

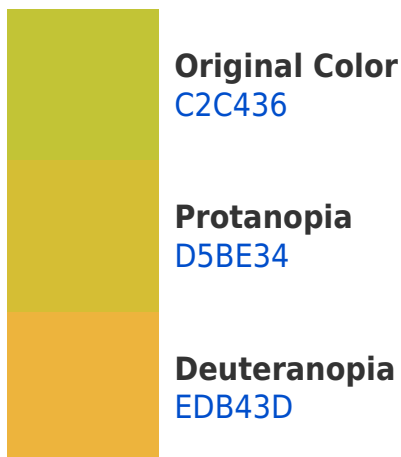


This preview shows how white text looks on a background with the Hex color C2C436.

# Color Blindness Simulation

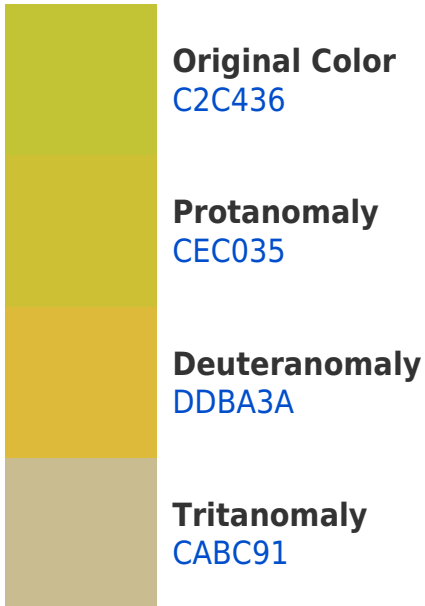
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

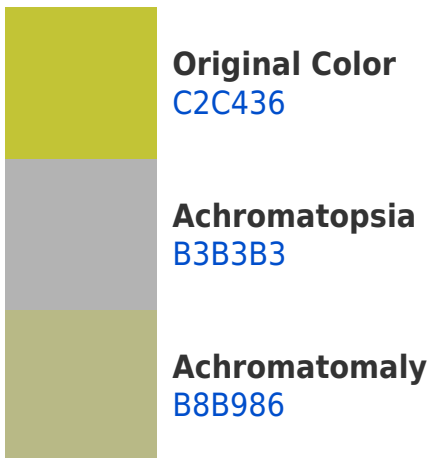




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2C436 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 #C2C436 looks like.

```
.text, #text, p{  
    color:#C2C436  
}
```

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 #C2C436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2C436
}
```

## Border

The CSS property to change the border of an element to Hex C2C436 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
#C2C436 }
```

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

```
.border{ border-color:#C2C436 }
```

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

Here you see how a box with a 4 pixel #C2C436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2C436; -webkit-box-shadow:4px 4px  
4px 4px #C2C436; box-shadow:4px 4px 4px  
4px #C2C436 }
```

# Background

The CSS property to change the background color of an element to Hex C2C436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2C436 }
```

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

```
.background{ background-color:#C2C436 }
```

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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