

# Converting Colors

Hex(C1C853)

Have a look what the booklet for  
Hex(C1C853) contains.

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**Color**

**Hex(C1C853)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1C853
RGB	193, 200, 83
RGB Percent	76%, 78%, 33%
CMY	0.2431, 0.2157, 0.6745
CMYK	0.04, 0.00, 0.59, 0.22
HSL	64°, 52%, 55%
HSV	64°, 58%, 78%
XYZ	44.2079, 53.2705, 16.1359
YIQ	184.5690, 33.3850, -37.8710

# Conversions

## Conversions Part 2

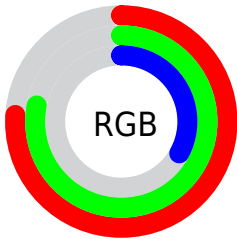
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 200, 90
Decimal	12699731
CIELab	78.03, -17.92, 56.29
CIELCh	78, 59.075, 107.662
Yxy	53.2705, 0.3891, 0.4689
Android (android.graphics.Color)	4290889811 (0xFFC1C853)
YUV	184.5690, -50.0735, 7.3940
Hunter-Lab	72.9867, -19.6095, 37.9829

# Details

The Hex color **C1C853** 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 **5A53C8**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FCFF89**, and **89921B** is the 20% darker color. If you saturate the color by 10%, you get **C0C83F**, and if you desaturate by 10%, it is **C2C867**.

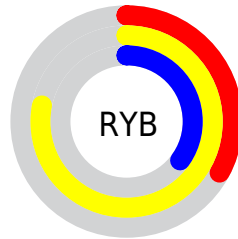
# Distribution



Red (76%)

Green (78%)

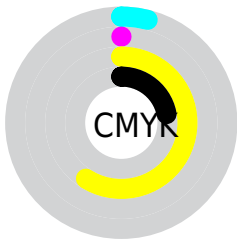
Blue (33%)



Red (33%)

Yellow (78%)

Blue (35%)

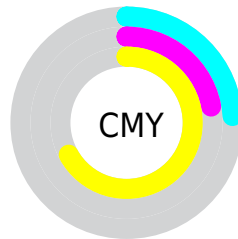


Cyan (4%)

Magenta (0%)

Yellow (59%)

Black (22%)



Cyan (24%)

Magenta (22%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1C853 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 C1C853 by changing the saturation by 10% instead.



 C1C853

 C1C853

FFFFFF

 A5AD38

 FCFF89

 89921B

 FFFFA4

 6D7900

 FFFFC0

 536000

 FFFFDD

 394800

 FFFFFA

 1F3200

 001E00

 000000

 C1C853

 C1C853

 C0C83F

 C2C867

 BFC82B

 C3C87B

 BDC817

 C5C88F

 BCC803

 C6C8A3

 BCC800

 C7C8B7

 C8C8CB

 C9C8DF

 CBC8F3

 CCC8FF

# Harmonies

## Analogous

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



F4B653



C1C853



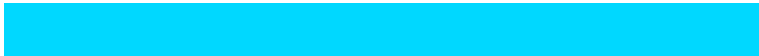
82D474

# Triad

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



C1C853



00D8FF



FF94DA

# Complementary

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



C1C853



5A53C8

# 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.



EEA6FF



C1C853



00CDFF

# Square

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



C1C853



00DCE0



9EBBFF



FF93A3

# Rectangle

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



C1C853



45D995



9EBBFF



FF99EC

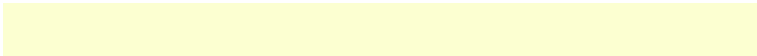


# Sweetspot

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



C1C853



FCFFD1



C85953



7E8063



000000



808080



# Same Dimension

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



C1C853



F4FF4D



88C853



63635A



99A300



222400



# Inverse Universe

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



5A53C8



574DFF



9353C8



5A5A63



0A00A3



020024



# Previews

## White Background



This preview shows how the Hex color C1C853 looks on a white background.

## Color Contrast Check

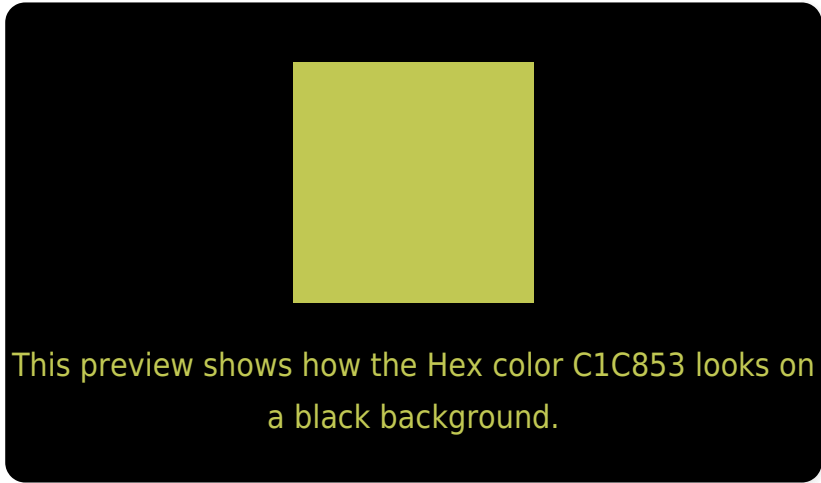
Large Text (above 18pt) WCAG AA × Fail

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

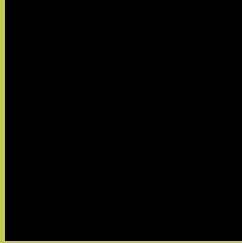
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C1C853 Background



This preview shows how black text looks on a background with the Hex color C1C853.

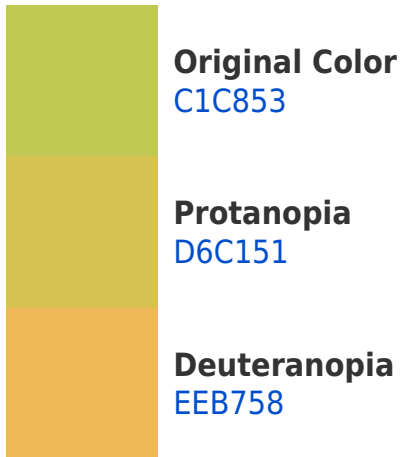


This preview shows how white text looks on a background with the Hex color C1C853.

# Color Blindness Simulation

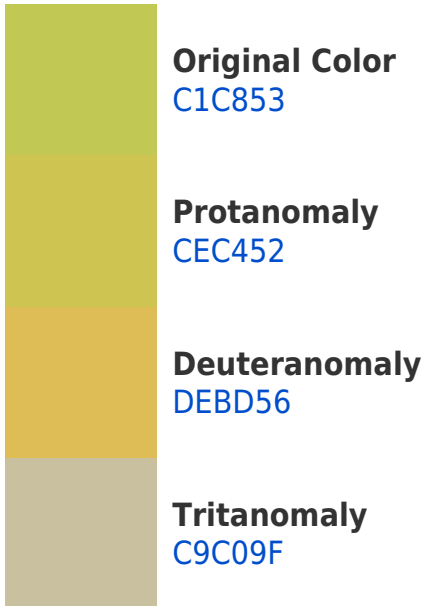
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1C853 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 #C1C853 looks like.

```
.text, #text, p{  
    color:#C1C853  
}
```

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 #C1C853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1C853
}
```

## Border

The CSS property to change the border of an element to Hex C1C853 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
#C1C853 }
```

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

```
.border{ border-color:#C1C853 }
```

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

Here you see how a box with a 4 pixel #C1C853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1C853; -webkit-box-shadow:4px 4px  
4px 4px #C1C853; box-shadow:4px 4px 4px  
4px #C1C853 }
```

# Background

The CSS property to change the background color of an element to Hex C1C853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1C853 }
```

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

```
.background{ background-color:#C1C853 }
```

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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