

# Converting Colors

Hex(C4D200)

Have a look what the booklet for  
Hex(C4D200) contains.

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**Color**

**Hex(C4D200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4D200
RGB	196, 210, 0
RGB Percent	77%, 82%, 0%
CMY	0.2314, 0.1765, 1.0000
CMYK	0.07, 0.00, 1.00, 0.18
HSL	64°, 100%, 41%
HSV	64°, 100%, 82%
XYZ	45.8115, 57.8289, 8.7476
YIQ	181.8740, 59.0660, -68.2780

# Conversions

## Conversions Part 2

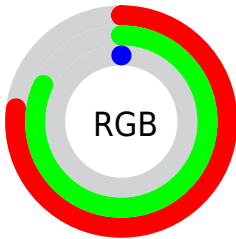
Format	Color
<a href="#">RYB</a>	<a href="#">0, 210, 14</a>
Decimal	<a href="#">12898816</a>
CIELab	<a href="#">80.64, -24.54, 80.33</a>
CIELCh	<a href="#">81, 83.993, 106.988</a>
Yxy	<a href="#">57.8289, 0.4076, 0.5145</a>
Android (android.graphics.Color)	<a href="#">4291088896</a> ( <a href="#">0xFFC4D200</a> )
YUV	<a href="#">181.8740, -89.6639, 12.3885</a>
Hunter-Lab	<a href="#">76.0453, -25.5467, 46.4115</a>

# Details

The Hex color **C4D200** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **0E00D2**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFFF56**, and **899C00** is the 20% darker color. If you saturate the color by 10%, you get **C4D200**, and if you desaturate by 10%, it is **C5D215**.

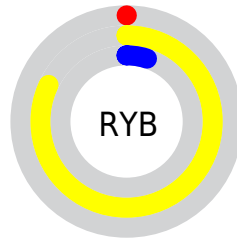
# Distribution



Red (77%)

Green (82%)

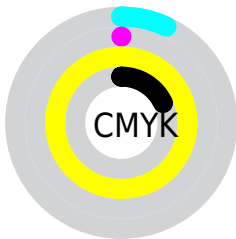
Blue (0%)



Red (0%)

Yellow (82%)

Blue (5%)

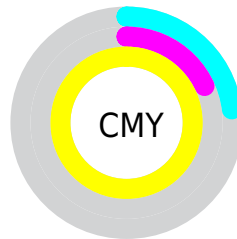


Cyan (7%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (23%)

Magenta (18%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4D200 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 C4D200 by changing the saturation by 10% instead.



 C4D200

 C4D200

FFFFFF

 A6B600

 FFFF56

 899C00

 FFFF73

 6D8200

 FFFF91

 516900

 FFFFAE

 355100

 FFFFCB

 1A3A00

 FFFF99

 002400

 000400

 000000

 C4D200

 C5D215

 C7D22A

 C8D23F

 CAD254

 CBD269

 CCD27E

 CED293

 CFD2A8

 D1D2BD

# Harmonies

## Analogous

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



FFB80F



C4D200



64E254

# Triad

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



C4D200



00E8FF



FF7EEE

# Complementary

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



C4D200



0E00D2

# Split Complementary

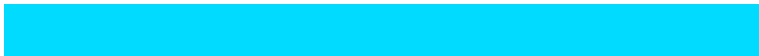
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9EFF



C4D200



00DBFF

# Square

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



C4D200



00EDF4



7DC2FF



FF7B9F

# Rectangle

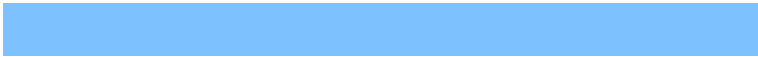
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C4D200



00E887



7DC2FF



FF87FF



# Sweetspot

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



C4D200



FAFFB3



D20E00



7C8052



000000



808080



# Same Dimension

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



C4D200



EEFF00



5ED200



68695E



9DA800



262900



# Inverse Universe

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



0E00D2



1100FF



7700D2



5F5E69



0B00A8

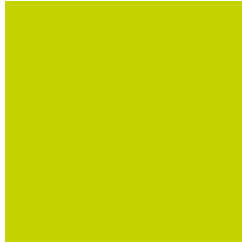


030029



# Previews

## White Background



This preview shows how the Hex color C4D200 looks on a white background.

## Color Contrast Check

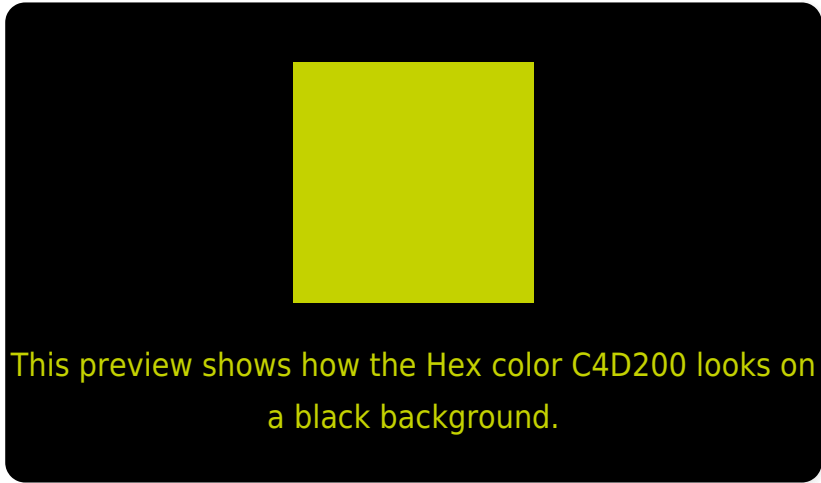
Large Text (above 18pt) WCAG AA × Fail

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 C4D200 Background



This preview shows how black text looks on a background with the Hex color C4D200.

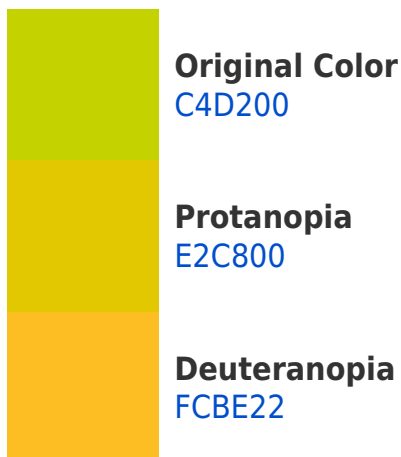


This preview shows how white text looks on a background with the Hex color C4D200.

# 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](#).

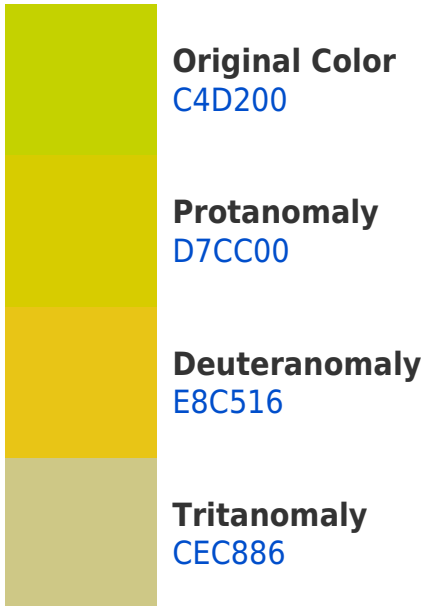
## Dichromacy





**Tritanopia**  
D3C3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4D200 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 #C4D200 looks like.

```
.text, #text, p{  
    color:#C4D200  
}
```

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 #C4D200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4D200
}
```

## Border

The CSS property to change the border of an element to Hex C4D200 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
#C4D200 }
```

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

```
.border{ border-color:#C4D200 }
```

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

Here you see how a box with a 4 pixel #C4D200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4D200; -webkit-box-shadow:4px 4px  
4px 4px #C4D200; box-shadow:4px 4px 4px  
4px #C4D200 }
```

# Background

The CSS property to change the background color of an element to Hex C4D200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4D200 }
```

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

```
.background{ background-color:#C4D200 }
```

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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