

# Converting Colors

Hex(C4D391)

Have a look what the booklet for  
Hex(C4D391) contains.

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# **Color**

**Hex(C4D391)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4D391
RGB	196, 211, 145
RGB Percent	77%, 83%, 57%
CMY	0.2314, 0.1725, 0.4314
CMYK	0.07, 0.00, 0.31, 0.17
HSL	74°, 43%, 70%
HSV	74°, 31%, 83%
XYZ	51.1701, 60.3686, 35.7434
YIQ	198.9910, 12.2460, -23.7060

# Conversions

## Conversions Part 2

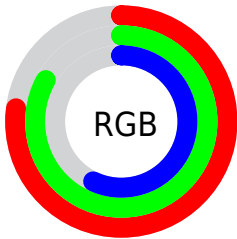
Format	Color
<a href="#">RYB</a>	<a href="#">145, 211, 160</a>
Decimal	<a href="#">12899217</a>
CIELab	<a href="#">82.04, -15.83, 31.06</a>
CIElCh	<a href="#">82, 34.864, 116.998</a>
Yxy	<a href="#">60.3686, 0.3474, 0.4099</a>
Android (android.graphics.Color)	<a href="#">4291089297</a> ( <a href="#">0xFFC4D391</a> )
YUV	<a href="#">198.9910, -26.6176, -2.6231</a>
Hunter-Lab	<a href="#">77.6973, -18.4132, 27.1126</a>

# Details

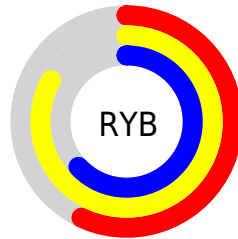
The Hex color **C4D391** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A091D3**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FDFFC7**, and **8D9C5E** is the 20% darker color. If you saturate the color by 10%, you get **BFD37C**, and if you desaturate by 10%, it is **C9D3A6**.

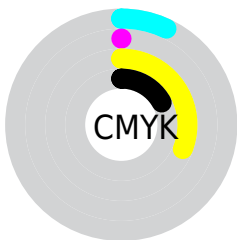
# Distribution



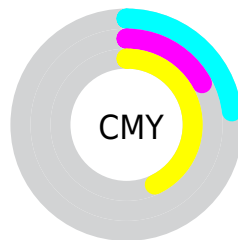
- Red (77%)
- Green (83%)
- Blue (57%)



- Red (57%)
- Yellow (83%)
- Blue (63%)



- Cyan (7%)
- Magenta (0%)
- Yellow (31%)
- Black (17%)



- Cyan (23%)
- Magenta (17%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4D391 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 C4D391 by changing the saturation by 10% instead.



 C4D391

 C4D391

FFFFFF

 A8B777

 FDFFC7

 8D9C5E

 FFFFE4

 738245

 5A692E

 425117

 2A3A00

 142400

 000E00

 000000

 C4D391

 C4D391

 BFD37C

 C9D3A6

 BAD367

 CED3BB

 B6D352

 D2D3D0

 B1D33D

 D7D3E5

 ACD328

 DCD3FB

 A7D312

 E1D3FF

 A3D300

 E6D3FF

 EAD3FF

 EFD3FF

# Harmonies

## Analogous

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



E6C98B



C4D391



9EDAA7

# Triad

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



C4D391



70D9FF



FFB4D1

# Complementary

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



C4D391



A091D3

# Split Complementary

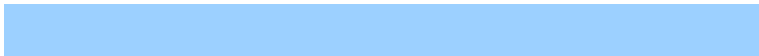
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F3BAF0



C4D391



9CD0FF

# Square

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



C4D391



62DDE9



CCC5FF



FFB6B0

# Rectangle

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



C4D391



85DDBC



CCC5FF



FFB5DC



# Sweetspot

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



C4D391



FAFFE8



D39F91



7C8071



000000



808080

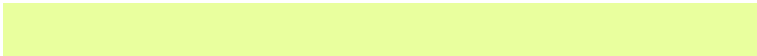


# Same Dimension

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



C4D391



E9FF9E



A4D391



66695E



82A800



202900



# Inverse Universe

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



A091D3



B49EFF



C091D3



605E69



2600A8



090029



# Previews

## White Background



This preview shows how the Hex color C4D391 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



This preview shows how the Hex color C4D391 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

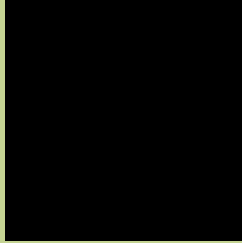
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C4D391 Background



This preview shows how black text looks on a background with the Hex color C4D391.

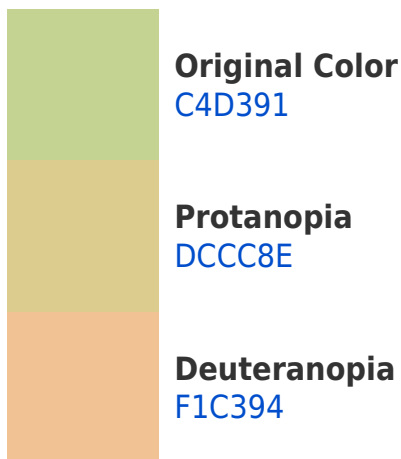


This preview shows how white text looks on a background with the Hex color C4D391.

# Color Blindness Simulation

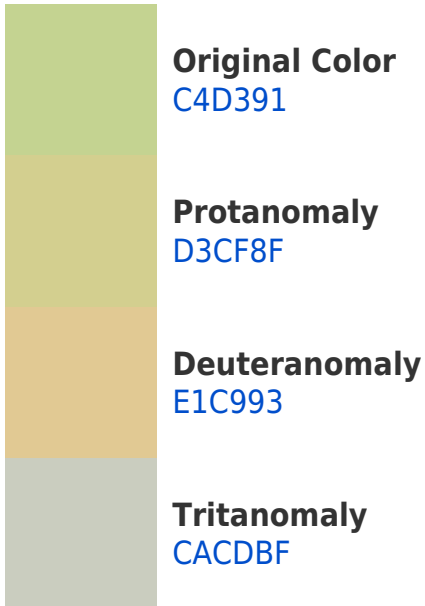
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4D391 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 #C4D391 looks like.

```
.text, #text, p{  
    color:#C4D391  
}
```

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 #C4D391 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4D391
}
```

## Border

The CSS property to change the border of an element to Hex C4D391 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
#C4D391 }
```

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

```
.border{ border-color:#C4D391 }
```

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

Here you see how a box with a 4 pixel #C4D391 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4D391; -webkit-box-shadow:4px 4px  
4px 4px #C4D391; box-shadow:4px 4px 4px  
4px #C4D391 }
```

# Background

The CSS property to change the background color of an element to Hex C4D391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4D391 }
```

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

```
.background{ background-color:#C4D391 }
```

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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