

# Converting Colors

Hex(C2D791)

Have a look what the booklet for  
Hex(C2D791) contains.

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# **Color**

**Hex(C2D791)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2D791
RGB	194, 215, 145
RGB Percent	76%, 84%, 57%
CMY	0.2392, 0.1569, 0.4314
CMYK	0.10, 0.00, 0.33, 0.16
HSL	78°, 47%, 71%
HSV	78°, 33%, 84%
XYZ	51.6594, 62.1145, 36.0546
YIQ	200.7410, 9.9540, -26.2220

# Conversions

## Conversions Part 2

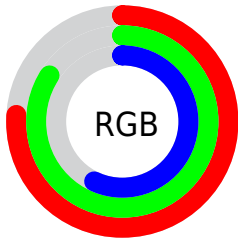
Format	Color
<a href="#">RYB</a>	<a href="#">145, 215, 166</a>
Decimal	<a href="#">12769169</a>
CIELab	<a href="#">82.97, -18.57, 32.28</a>
CIELCh	<a href="#">83, 37.239, 119.911</a>
Yxy	<a href="#">62.1145, 0.3448, 0.4146</a>
Android (android.graphics.Color)	<a href="#">4290959249</a> ( <a href="#">0xFFC2D791</a> )
YUV	<a href="#">200.7410, -27.4803, -5.9119</a>
Hunter-Lab	<a href="#">78.8128, -20.9210, 28.0454</a>

# Details

The Hex color **C2D791** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A691D7**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FBFFC7**, and **8CA05E** is the 20% darker color. If you saturate the color by 10%, you get **BCD77C**, and if you desaturate by 10%, it is **C8D7A7**.

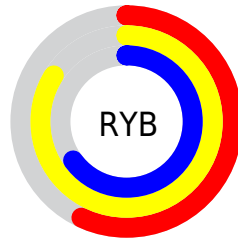
# Distribution



Red (76%)

Green (84%)

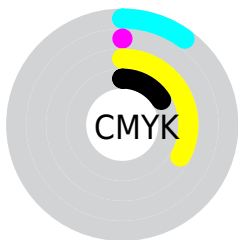
Blue (57%)



Red (57%)

Yellow (84%)

Blue (65%)

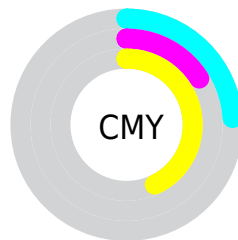


Cyan (10%)

Magenta (0%)

Yellow (33%)

Black (16%)



Cyan (24%)

Magenta (16%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2D791 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 C2D791 by changing the saturation by 10% instead.



 C2D791

 C2D791

FFFFFF

 A6BB77

 FBFFC7

 8CA05E

 FFFFE4

 718645

 586D2E

 405416

 283D00

 112700

 001200

 000000

 C2D791

 C2D791

 BCD77C

 C8D7A7

 B5D766

 CFD7BC

 AFD751

 D5D7D2

 A8D73B

 DCD7E7

 A2D725

 E2D7FC

 9BD710

 E9D7FF

 96D700

 EFD7FF

 F6D7FF

 FCD7FF

# Harmonies

## Analogous

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



E7CC88



C2D791



99DEAA

# Triad

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



C2D791



6DDCFF



FFB4D0

# Complementary

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



C2D791



A691D7

# Split Complementary

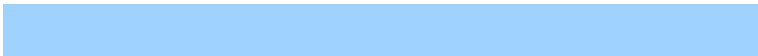
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FBBAF2



C2D791



9FD2FF

# Square

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



C2D791



57E1F0



D3C6FF



FFB7AD

# Rectangle

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



C2D791



7DE1C1



D3C6FF



FFB5DC



# Sweetspot

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



C2D791



F7FFE6



D7A691



7B8070



000000



808080

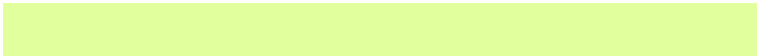


# Same Dimension

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



C2D791



E1FF9C



9FD791



686B60



78AB00



1E2B00



# Inverse Universe

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



A691D7



B99CFF



C991D7



64606B



3300AB



0D002B



# Previews

## White Background



This preview shows how the Hex color C2D791 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 C2D791 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

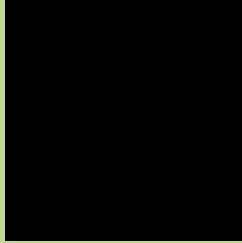
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C2D791 Background



This preview shows how black text looks on a background with the Hex color C2D791.

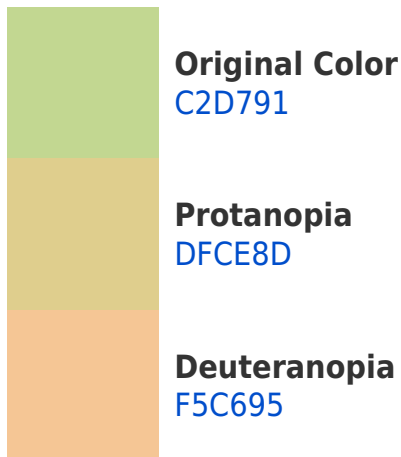


This preview shows how white text looks on a background with the Hex color C2D791.

# Color Blindness Simulation

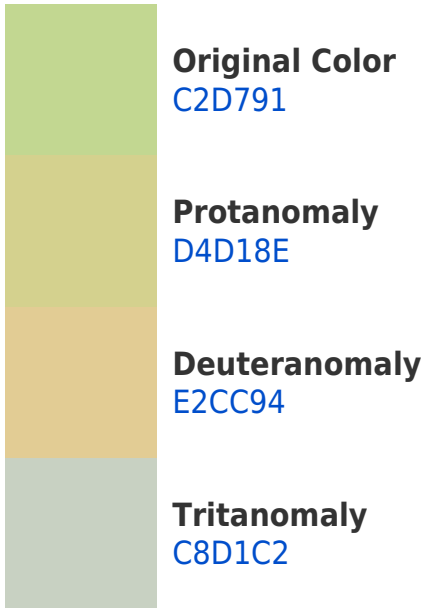
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2D791 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 #C2D791 looks like.

```
.text, #text, p{  
    color:#C2D791  
}
```

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 #C2D791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2D791
}
```

## Border

The CSS property to change the border of an element to Hex C2D791 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
#C2D791 }
```

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

```
.border{ border-color:#C2D791 }
```

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

Here you see how a box with a 4 pixel #C2D791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2D791; -webkit-box-shadow:4px 4px  
4px 4px #C2D791; box-shadow:4px 4px 4px  
4px #C2D791 }
```

# Background

The CSS property to change the background color of an element to Hex C2D791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2D791 }
```

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

```
.background{ background-color:#C2D791 }
```

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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