

# Converting Colors

Hex(C3D194)

Have a look what the booklet for  
Hex(C3D194) contains.

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# **Color**

**Hex(C3D194)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3D194
RGB	195, 209, 148
RGB Percent	76%, 82%, 58%
CMY	0.2353, 0.1804, 0.4196
CMYK	0.07, 0.00, 0.29, 0.18
HSL	74°, 40%, 70%
HSV	74°, 29%, 82%
XYZ	50.6514, 59.3411, 36.8013
YIQ	197.8600, 11.2370, -21.9390

# Conversions

## Conversions Part 2

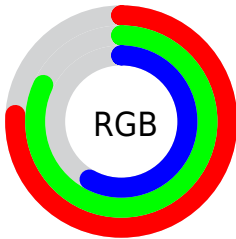
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 209, 162
Decimal	12833172
CIELab	81.48, -14.79, 28.75
CIELCh	81, 32.335, 117.228
Yxy	59.3411, 0.3451, 0.4042
Android (android.graphics.Color)	4291023252 (0xFFC3D194)
YUV	197.8600, -24.5810, -2.5082
Hunter-Lab	77.0332, -17.4395, 25.5984

# Details

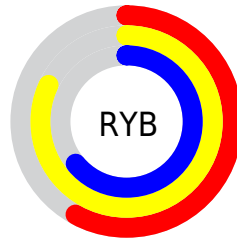
The Hex color **C3D194** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A294D1**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FCFFCA**, and **8D9B61** is the 20% darker color. If you saturate the color by 10%, you get **BED17F**, and if you desaturate by 10%, it is **C8D1A9**.

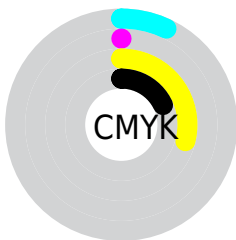
# Distribution



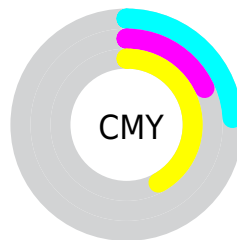
- Red (76%)
- Green (82%)
- Blue (58%)



- Red (58%)
- Yellow (82%)
- Blue (64%)



- Cyan (7%)
- Magenta (0%)
- Yellow (29%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3D194 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 C3D194 by changing the saturation by 10% instead.



 C3D194

FFFFFF

 FCFFCA

 FFFFE7

 C3D194

 A7B57A

 8D9B61

 738148

 596831

 414F1A

 2A3802

 142300

 000A00

 000000

 C3D194

 C3D194

 BED17F

 C8D1A9

 B9D16A

 CDD1BE

 B5D155

 D1D1D3

 B0D140

 D6D1E8

 ABD12C

 DBD1FD

 A6D117

 E0D1FF

 A1D102

 E5D1FF

 A1D100

 E9D1FF

 EED1FF

# Harmonies

## Analogous

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



E3C88E



C3D194



A0D8A9

# Triad

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



C3D194



79D6FC



FFB4CE

# Complementary

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



C3D194



A294D1

# Split Complementary

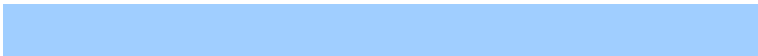
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EFBAEC



C3D194



A0CEFF

# Square

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



C3D194



6CDBE5



CBC4FF



FFB6B0

# Rectangle

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



C3D194



89DABC



CBC4FF



FEB5D9



# Sweetspot

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



C3D194



FAFFE8



D1A194



7C8071



000000



808080

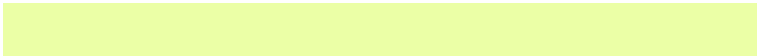


# Same Dimension

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



C3D194



EBFFA6



A5D194



66695E



82A800



1F2900



# Inverse Universe

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



A294D1



BAA6FF



C094D1



605E69



2700A8



090029



# Previews

## White Background



This preview shows how the Hex color C3D194 looks on a white background.

## Color Contrast Check

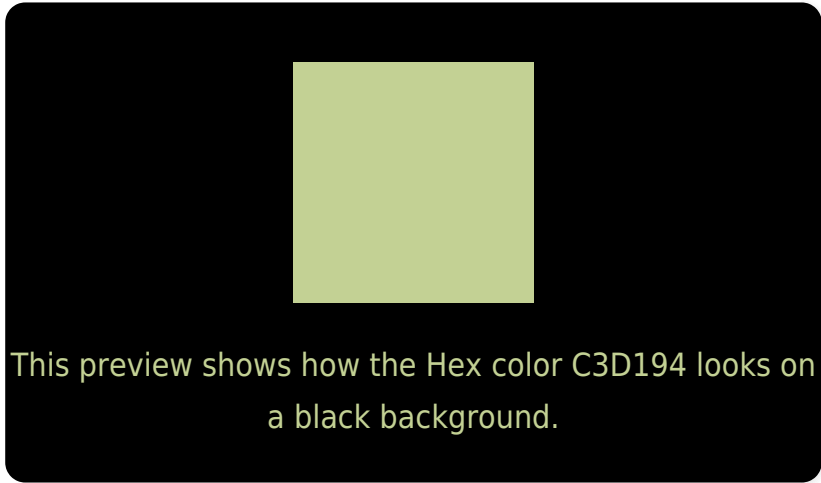
Large Text (above 18pt) WCAG AA × Fail

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

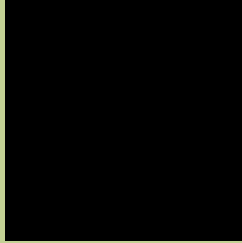
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C3D194 Background



This preview shows how black text looks on a background with the Hex color C3D194.

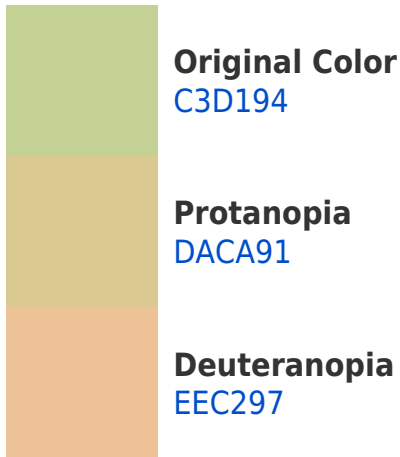


This preview shows how white text looks on a background with the Hex color C3D194.

# 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](#).

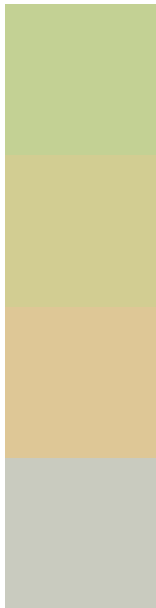
## Dichromacy





**Tritanopia**  
CCC8D8

# Trichromacy



**Original Color**  
C3D194

**Protanomaly**  
D2CD92

**Deuteranomaly**  
DEC796

**Tritanomaly**  
C9CBBF

# Monochromacy



**Original Color**  
C3D194

**Achromatopsia**  
C6C6C6

**Achromatomaly**  
C5CAB4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3D194 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 #C3D194 looks like.

```
.text, #text, p{  
    color:#C3D194  
}
```

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 #C3D194 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3D194
}
```

## Border

The CSS property to change the border of an element to Hex C3D194 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
#C3D194 }
```

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

```
.border{ border-color:#C3D194 }
```

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

Here you see how a box with a 4 pixel #C3D194 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3D194; -webkit-box-shadow:4px 4px  
4px 4px #C3D194; box-shadow:4px 4px 4px  
4px #C3D194 }
```

# Background

The CSS property to change the background color of an element to Hex C3D194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3D194 }
```

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

```
.background{ background-color:#C3D194 }
```

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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