

# Converting Colors

Hex(C4D132)

Have a look what the booklet for  
Hex(C4D132) contains.

<b>Hex(C4D132)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C4D132)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4D132
RGB	196, 209, 50
RGB Percent	77%, 82%, 20%
CMY	0.2314, 0.1804, 0.8039
CMYK	0.06, 0.00, 0.76, 0.18
HSL	65°, 63%, 51%
HSV	65°, 76%, 82%
XYZ	46.1411, 57.5670, 11.6973
YIQ	186.9870, 43.2910, -52.2050

# Conversions

## Conversions Part 2

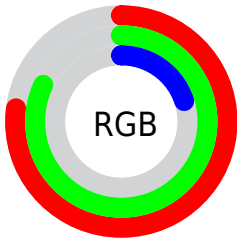
Format	Color
<b>RYB</b>	50, 209, 63
Decimal	12898610
CIELab	80.50, -22.97, 71.30
CIELCh	80, 74.908, 107.859
Yxy	57.5670, 0.3998, 0.4988
Android (android.graphics.Color)	4291088690 (0xFFC4D132)
YUV	186.9870, -67.5346, 7.9044
Hunter-Lab	75.8729, -24.2251, 43.9704

# Details

The Hex color **C4D132** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3F32D1**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFFF6D**, and **8A9B00** is the 20% darker color. If you saturate the color by 10%, you get **C2D11D**, and if you desaturate by 10%, it is **C6D147**.

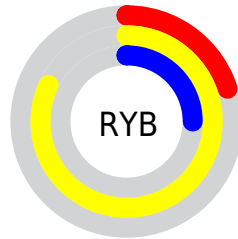
# Distribution



Red (77%)

Green (82%)

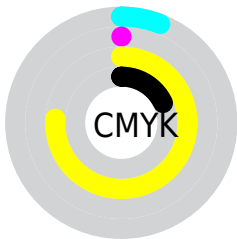
Blue (20%)



Red (20%)

Yellow (82%)

Blue (25%)

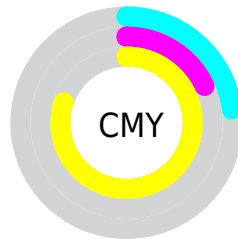


Cyan (6%)

Magenta (0%)

Yellow (76%)

Black (18%)



Cyan (23%)

Magenta (18%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4D132 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 C4D132 by changing the saturation by 10% instead.



 C4D132

 C4D132

FFFFFF

 A7B505

 FFFF6D

 8A9B00

 FFFF89

 6E8100

 FFFFA6

 536800

 FFFF82

 375000

 FFFF80

 1C3900

FFFFFFD

 002300

 000300

 000000

 C4D132

 C4D132

 C2D11D

 C6D147

 C1D108

 C7D15C

 C0D100

 C9D171

 CBD186

 CDD19B

 CED1AF

 D0D1C4

 D2D1D9

 D3D1EE

# Harmonies

## Analogous

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



FFBA33



C4D132



70E064

# Triad

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



C4D132



00E5FF



FF89E7

# Complementary

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



C4D132



3F32D1

# 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.



FFA3FF



C4D132



00D8FF

# Square

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



C4D132



00E9F1



92C1FF



FF88A1

# Rectangle

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



C4D132



00E690



92C1FF



FF90FE



# Sweetspot

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



C4D132



FAFFC4



D13D32



7D805C



000000



808080



# Same Dimension

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



C4D132



ECFF17



77D132



68695E



9BA800



252900



# Inverse Universe

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



3F32D1



2A17FF



8C32D1



5F5E69



0E00A8



030029



# Previews

## White Background



This preview shows how the Hex color C4D132 looks on a white background.

## Color Contrast Check

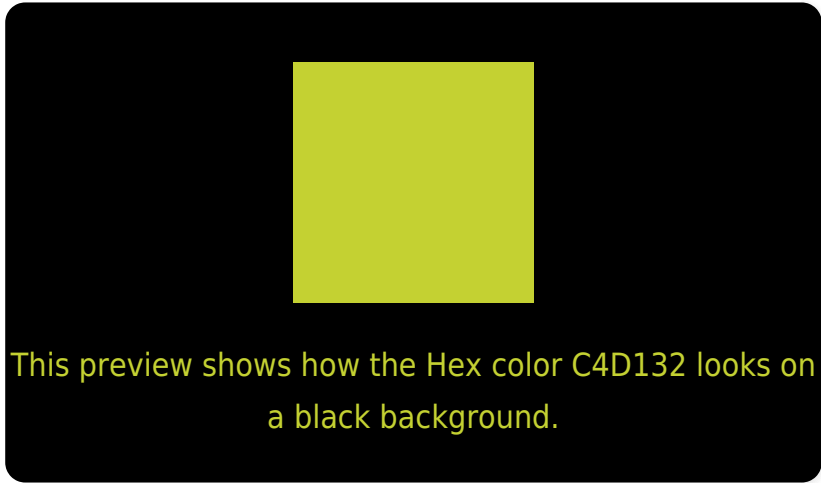
Large Text (above 18pt) WCAG AA × Fail

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 C4D132 Background



This preview shows how black text looks on a background with the Hex color C4D132.

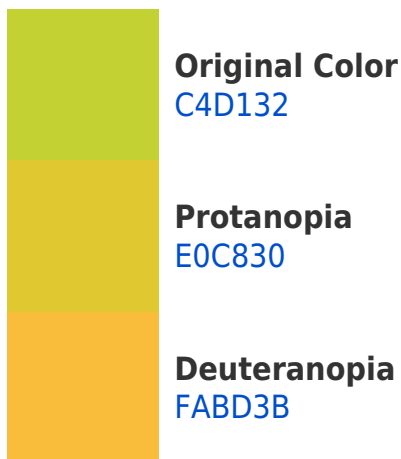


This preview shows how white text looks on a background with the Hex color C4D132.

# 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](#).

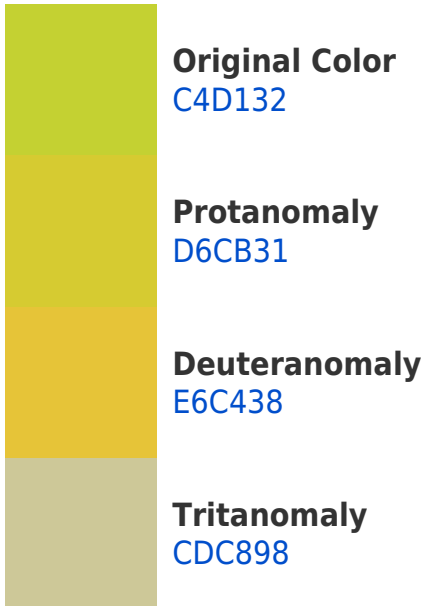
## Dichromacy





**Tritanopia**  
D2C3D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4D132 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 #C4D132 looks like.

```
.text, #text, p{  
    color:#C4D132  
}
```

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 #C4D132 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4D132
}
```

## Border

The CSS property to change the border of an element to Hex C4D132 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
#C4D132 }
```

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

```
.border{ border-color:#C4D132 }
```

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

Here you see how a box with a 4 pixel #C4D132 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4D132; -webkit-box-shadow:4px 4px  
4px 4px #C4D132; box-shadow:4px 4px 4px  
4px #C4D132 }
```

# Background

The CSS property to change the background color of an element to Hex C4D132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4D132 }
```

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

```
.background{ background-color:#C4D132 }
```

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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