

# Converting Colors

Hex(C4DB52)

Have a look what the booklet for  
Hex(C4DB52) contains.

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**Color**

**Hex(C4DB52)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4DB52
RGB	196, 219, 82
RGB Percent	77%, 86%, 32%
CMY	0.2314, 0.1412, 0.6784
CMYK	0.11, 0.00, 0.63, 0.14
HSL	70°, 66%, 59%
HSV	70°, 63%, 86%
XYZ	49.6195, 63.0080, 17.5292
YIQ	196.5050, 30.2690, -47.4830

# Conversions

## Conversions Part 2

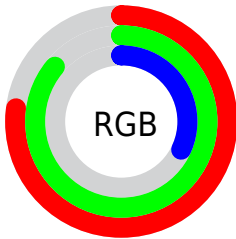
Format	Color
<b>R<sub>YB</sub></b>	82, 219, 105
Decimal	12901202
CIE Lab	83.45, -26.05, 62.66
CIE LCh	83, 67.858, 112.573
Yxy	63.0080, 0.3812, 0.4841
Android (android.graphics.Color)	4291091282 (0xFFC4DB52)
YUV	196.5050, -56.4510, -0.4429
Hunter-Lab	79.3776, -27.3292, 42.4711

# Details

The Hex color **C4DB52** 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 **6952DB**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFF89**, and **8BA414** is the 20% darker color. If you saturate the color by 10%, you get **C0DB3C**, and if you desaturate by 10%, it is **C8DB68**.

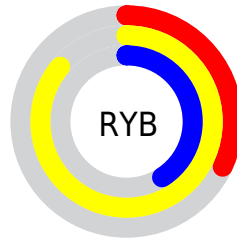
# Distribution



Red (77%)

Green (86%)

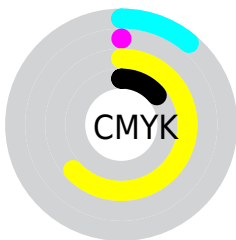
Blue (32%)



Red (32%)

Yellow (86%)

Blue (41%)

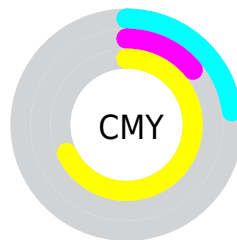


Cyan (11%)

Magenta (0%)

Yellow (63%)

Black (14%)



Cyan (23%)

Magenta (14%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4DB52 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 C4DB52 by changing the saturation by 10% instead.



 C4DB52

 C4DB52

FFFFFF

 A7BF36

 FFFF89

 8BA414

 FFFFA5

 6F8A00

 FFFFC1

 547000

 FFFFDE

 3A5800

 FFFFFB

 1E4000

 002A00

 001400

 000000

 C4DB52

 C4DB52

 C0DB3C

 C8DB68

 BDDB26

 CBDB7E

 B9DB10

 CFDB94


 B6DB00

 D3DBAA

 D6DBC0

 DADBD5

 DEDBEB

 E1DBFF

 E5DBFF

# Harmonies

## Analogous

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



FFC74B



C4DB52



75E87F

# Triad

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



C4DB52



00E9FF



FF99E3

# Complementary

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



C4DB52



6952DB

# 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.



FFABFF



C4DB52



00DCFF

# Square

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



C4DB52



00EFFF



B8C6FF



FF9BA3

# Rectangle

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



C4DB52



00EDA7



B8C6FF



FF9DF8

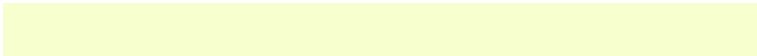


# Sweetspot

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



C4DB52



F7FFCF



DB6952



7B8062



000000



808080



# Same Dimension

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



C4DB52



DFFF40



80DB52



6C6E63



90AD00



262E00



# Inverse Universe

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



6952DB



6040FF



AD52DB



65636E



1D00AD



08002E



# Previews

## White Background



This preview shows how the Hex color C4DB52 looks on a white background.

## Color Contrast Check

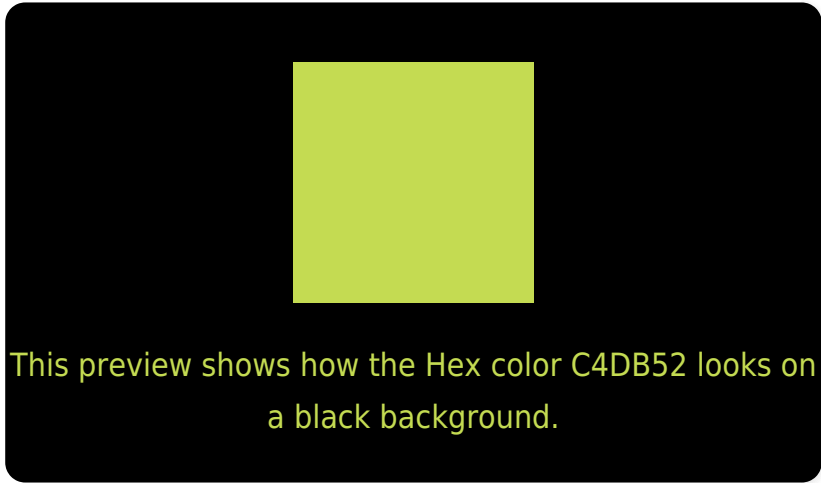
Large Text (above 18pt) WCAG AA × Fail

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 C4DB52 Background



This preview shows how black text looks on a background with the Hex color C4DB52.

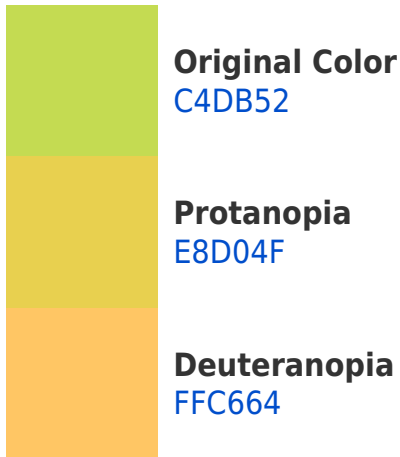


This preview shows how white text looks on a background with the Hex color C4DB52.

# Color Blindness Simulation

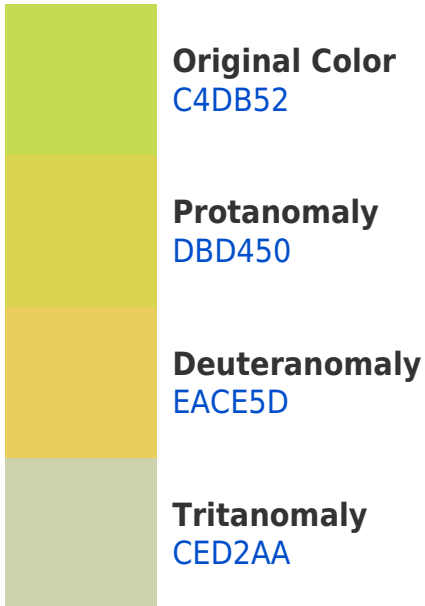
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

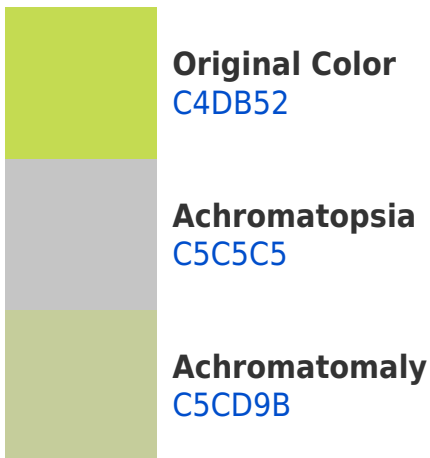




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4DB52 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 #C4DB52 looks like.

```
.text, #text, p{  
    color:#C4DB52  
}
```

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 #C4DB52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4DB52
}
```

## Border

The CSS property to change the border of an element to Hex C4DB52 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
#C4DB52 }
```

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

```
.border{ border-color:#C4DB52 }
```

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

Here you see how a box with a 4 pixel #C4DB52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4DB52; -webkit-box-shadow:4px 4px  
4px 4px #C4DB52; box-shadow:4px 4px 4px  
4px #C4DB52 }
```

# Background

The CSS property to change the background color of an element to Hex C4DB52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4DB52 }
```

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

```
.background{ background-color:#C4DB52 }
```

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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