

# Converting Colors

Hex(4DCB49)

Have a look what the booklet for  
Hex(4DCB49) contains.

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**Color**

**Hex(4DCB49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DCB49
RGB	77, 203, 73
RGB Percent	30%, 80%, 29%
CMY	0.6980, 0.2039, 0.7137
CMYK	0.62, 0.00, 0.64, 0.20
HSL	118°, 56%, 54%
HSV	118°, 64%, 80%
XYZ	25.6191, 44.7707, 13.5947
YIQ	150.5060, -33.3660, -67.1420

# Conversions

## Conversions Part 2

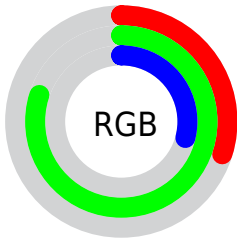
Format	Color
<a href="#">RYB</a>	<a href="#">73, 203, 199</a>
Decimal	<a href="#">5098313</a>
CIELab	<a href="#">72.74, -59.52, 53.04</a>
CIElCh	<a href="#">73, 79.724, 138.295</a>
Yxy	<a href="#">44.7707, 0.3050, 0.5331</a>
Android (android.graphics.Color)	<a href="#">4283288393 (0xFF4DCB49)</a>
YUV	<a href="#">150.5060, -38.2105, -64.4648</a>
Hunter-Lab	<a href="#">66.9109, -48.7493, 34.7913</a>

# Details

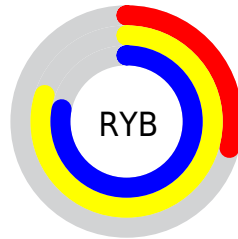
The Hex color **4DCB49** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C749CB**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **8BFF7F**, and **00940C** is the 20% darker color. If you saturate the color by 10%, you get **39CB35**, and if you desaturate by 10%, it is **61CB5D**.

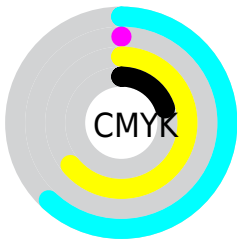
# Distribution



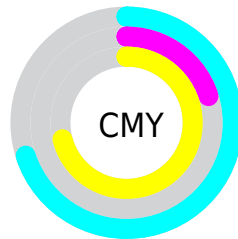
- Red (30%)
- Green (80%)
- Blue (29%)



- Red (29%)
- Yellow (80%)
- Blue (78%)



- Cyan (62%)
- Magenta (0%)
- Yellow (64%)
- Black (20%)



- Cyan (70%)
- Magenta (20%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DCB49 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 4DCB49 by changing the saturation by 10% instead.



 4DCB49

 4DCB49

FFFFFF

 28AF2E

 8BFF7F

 00940C

 A9FF9A

 007900

 C6FFB6

 005F00

 E5FFD2

 004600

 FFFFEE

 002F00

 001100

 000000

 4DCB49

 4DCB49

 39CB35

 61CB5D

 26CB20

 74CB72

 12CB0C

 88CB86

 06CB00

 9CCB9A

 AFCBAF

 C3CBC3

 D7CBD7

 EACBEB

 FECBFF

# Harmonies

## Analogous

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



ABBC00



4DCB49



00D292

# Triad

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



4DCB49



00C3FF



FF6A89

# Complementary

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



4DCB49



C749CB

# Split Complementary

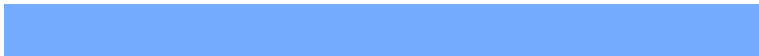
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF6BD2



4DCB49



72ABFF

# Square

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



4DCB49



00D0FF



ED8AFF



FF8546

# Rectangle

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



4DCB49



00D4C5



ED8AFF



FF66A1

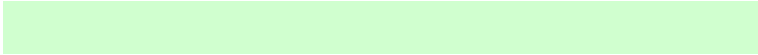


# Sweetspot

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



4DCB49



D0FFCF



CBC749



638062



000000



808080



# Same Dimension

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



4DCB49



41FF3B



49CB86



5C665C



05A600



012600



# Inverse Universe

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



C749CB



F93BFF



CB498E



665C66



A100A6

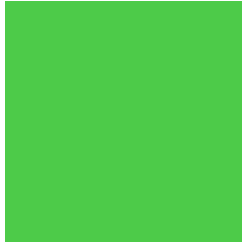


250026



# Previews

## White Background



This preview shows how the Hex color 4DCB49 looks on a white background.

## Color Contrast Check

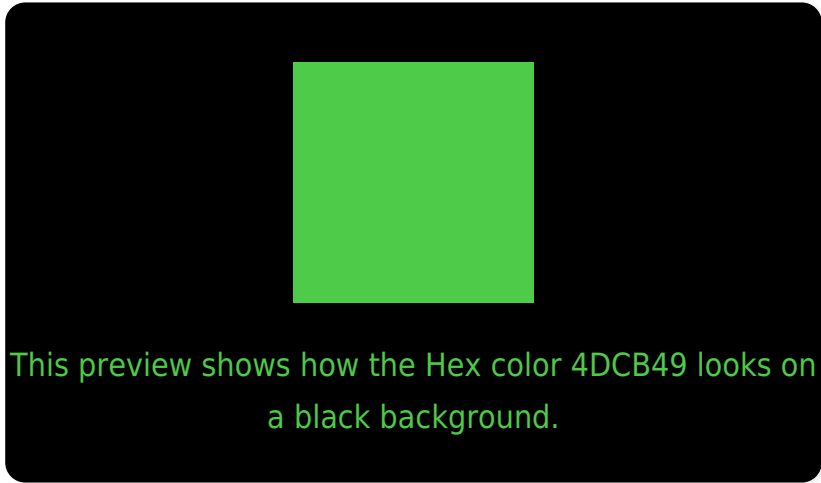
Large Text (above 18pt) WCAG AA × Fail

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

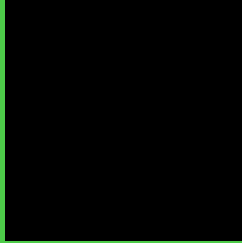
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4DCB49 Background



This preview shows how black text looks on a background with the Hex color 4DCB49.

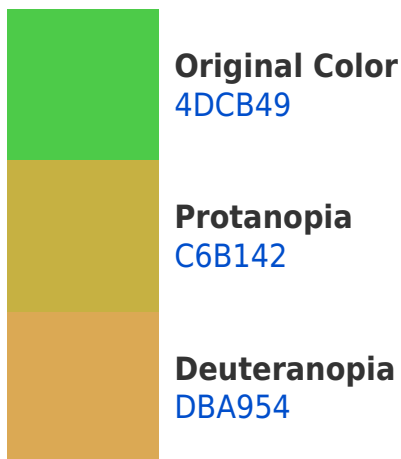


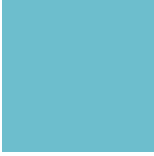
This preview shows how white text looks on a background with the Hex color 4DCB49.

# 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](#).

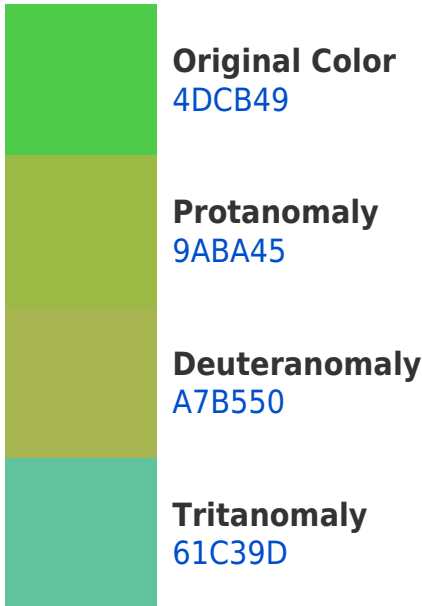
## Dichromacy



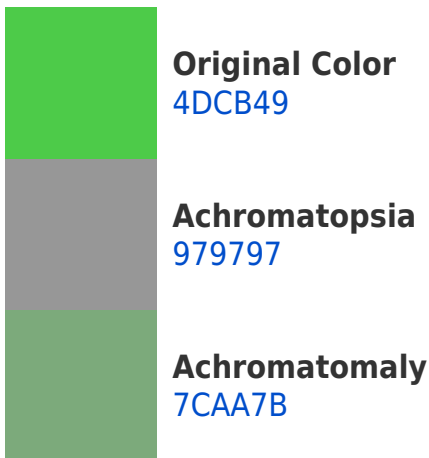


**Tritanopia**  
6DBECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DCB49 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 #4DCB49 looks like.

```
.text, #text, p{  
    color:#4DCB49  
}
```

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 #4DCB49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DCB49
}
```

## Border

The CSS property to change the border of an element to Hex 4DCB49 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
#4DCB49 }
```

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

```
.border{ border-color:#4DCB49 }
```

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

Here you see how a box with a 4 pixel #4DCB49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DCB49; -webkit-box-shadow:4px 4px  
4px 4px #4DCB49; box-shadow:4px 4px 4px  
4px #4DCB49 }
```

# Background

The CSS property to change the background color of an element to Hex 4DCB49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DCB49 }
```

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

```
.background{ background-color:#4DCB49 }
```

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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