

Converting Colors

Hex(4DC74A)

Have a look what the booklet for
Hex(4DC74A) contains.

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Color

Hex(4DC74A)

Conversions

Conversions Part 1

Format	Color
Hex	4DC74A
RGB	77, 199, 74
RGB Percent	30%, 78%, 29%
CMY	0.6980, 0.2196, 0.7098
CMYK	0.61, 0.00, 0.63, 0.22
HSL	119°, 53%, 54%
HSV	119°, 63%, 78%
XYZ	24.7200, 42.9190, 13.4599
YIQ	148.2720, -32.5870, -64.7390

Conversions

Conversions Part 2

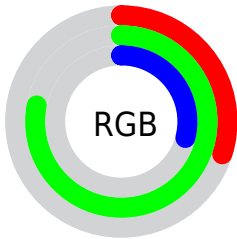
Format	Color
RYB	74, 199, 196
Decimal	5097290
CIELab	71.50, -58.00, 51.23
CIELCh	71, 77.384, 138.544
Yxy	42.9190, 0.3048, 0.5292
Android (android.graphics.Color)	4283287370 (0xFF4DC74A)
YUV	148.2720, -36.6161, -62.5055
Hunter-Lab	65.5126, -47.2933, 33.6774

Details

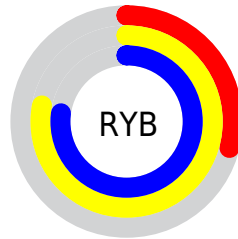
The Hex color **4DC74A** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **C44AC7**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **8AFF7F**, and **00900F** is the 20% darker color. If you saturate the color by 10%, you get **3AC736**, and if you desaturate by 10%, it is **60C75E**.

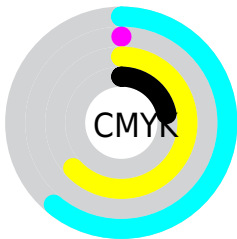
Distribution



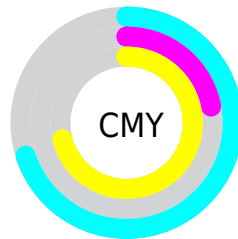
- Red (30%)
- Green (78%)
- Blue (29%)



- Red (29%)
- Yellow (78%)
- Blue (77%)



- Cyan (61%)
- Magenta (0%)
- Yellow (63%)
- Black (22%)



- Cyan (70%)
- Magenta (22%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DC74A 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 4DC74A by changing the saturation by 10% instead.

 4DC74A

 4DC74A

FFFFFF

 29AB2F

 8AFF7F

 00900F

 A8FF9A

 007500

 C5FFB6

 005B00

 E3FFD3

 004200

 FFFFEF

 002C00

 000A00

 000000

 4DC74A

 4DC74A

 3AC736

 60C75E

 26C722

 74C772

 13C70E

 87C786

 05C700

 9BC79A

 AEC7AE

 C2C7C1

 D5C7D5

 E8C7E9

 FCC7FD

Harmonies

Analogous

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



A7B900



4DC74A



00CE91

Triad

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



4DC74A



00BFFF



FF6A87

Complementary

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



4DC74A



C44AC7

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.



FF6BCD



4DC74A



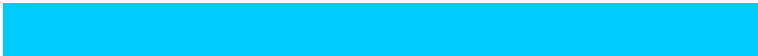
74A8FF

Square

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



4DC74A



00CCFF



E888FF



FF8446

Rectangle

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



4DC74A



00D0C2



E888FF



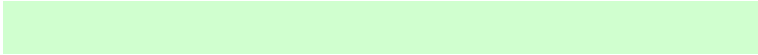
FF669E

Sweetspot

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



4DC74A



D0FFCF



C7C34A



638062



000000



808080

Same Dimension

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



4DC74A



44FF40



4AC784



5A635A



04A300



012400

Inverse Universe

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



C44AC7



FA40FF



C74A8D



635A63



9F00A3



230024

Previews

White Background



This preview shows how the Hex color 4DC74A looks on a white background.

Color Contrast Check

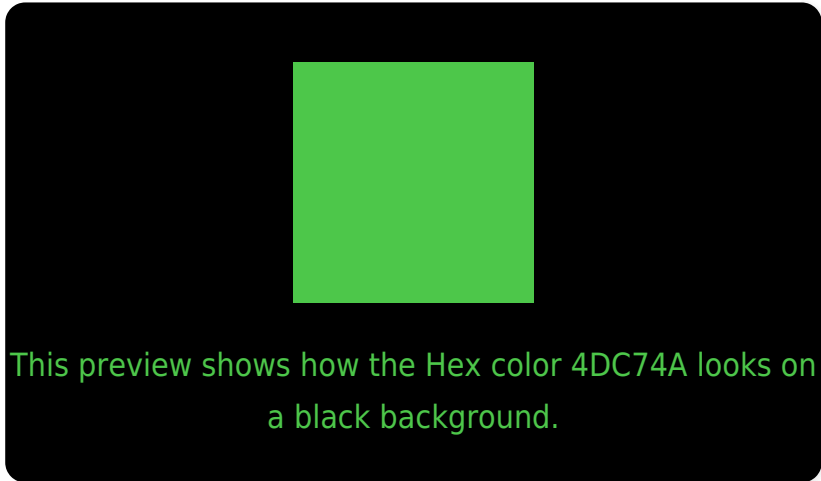
Large Text (above 18pt) WCAG AA × Fail

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 4DC74A Background



This preview shows how black text looks on a background with the Hex color 4DC74A.

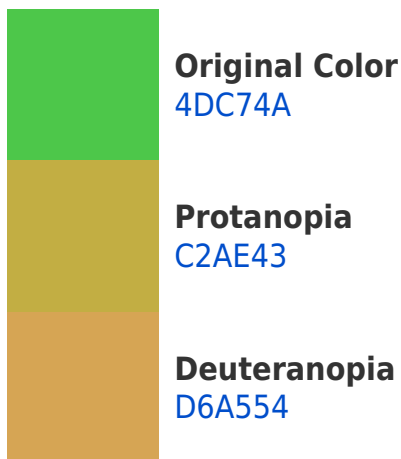


This preview shows how white text looks on a background with the Hex color 4DC74A.

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](#).

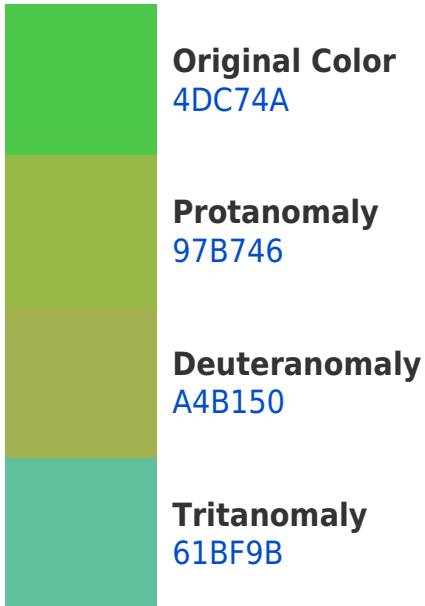
Dichromacy



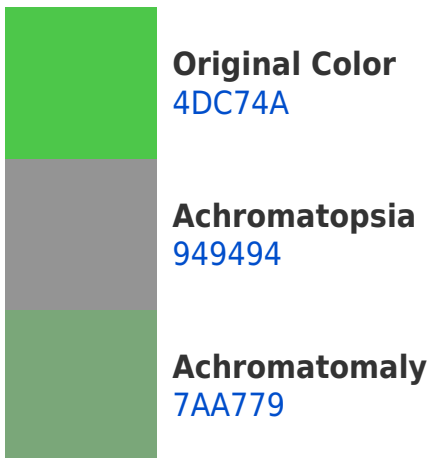


Tritanopia
6CBAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DC74A 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 #4DC74A looks like.

```
.text, #text, p{  
    color:#4DC74A  
}
```

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 #4DC74A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DC74A
}
```

Border

The CSS property to change the border of an element to Hex 4DC74A 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
#4DC74A }
```

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

```
.border{ border-color:#4DC74A }
```

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

Here you see how a box with a 4 pixel #4DC74A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DC74A; -webkit-box-shadow:4px 4px  
4px 4px #4DC74A; box-shadow:4px 4px 4px  
4px #4DC74A }
```

Background

The CSS property to change the background color of an element to Hex 4DC74A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DC74A }
```

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

```
.background{ background-color:#4DC74A }
```

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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