

Converting Colors

Hex(4DC474)

Have a look what the booklet for
Hex(4DC474) contains.

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Color

Hex(4DC474)

Conversions

Conversions Part 1

Format	Color
Hex	4DC474
RGB	77, 196, 116
RGB Percent	30%, 77%, 45%
CMY	0.6980, 0.2314, 0.5451
CMYK	0.61, 0.00, 0.41, 0.23
HSL	140°, 50%, 54%
HSV	140°, 61%, 77%
XYZ	25.9529, 42.3186, 23.3234
YIQ	151.2990, -45.2440, -50.1080

Conversions

Conversions Part 2

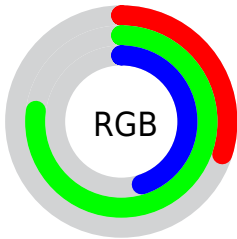
Format	Color
RYB	77, 167, 196
Decimal	5096564
CIELab	71.09, -51.01, 30.49
CIELCh	71, 59.426, 149.133
Yxy	42.3186, 0.2833, 0.4620
Android (android.graphics.Color)	4283286644 (0xFF4DC474)
YUV	151.2990, -17.4024, -65.1602
Hunter-Lab	65.0527, -42.6295, 24.2796

Details

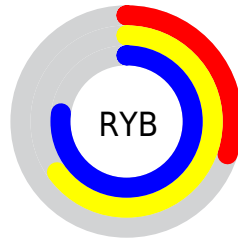
The Hex color **4DC474** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **C44D9D**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **88FDA9**, and **008D42** is the 20% darker color. If you saturate the color by 10%, you get **39C467**, and if you desaturate by 10%, it is **61C481**.

Distribution



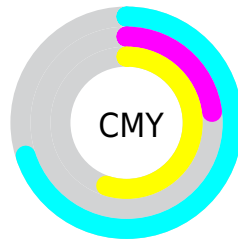
- Red (30%)
- Green (77%)
- Blue (45%)



- Red (30%)
- Yellow (65%)
- Blue (77%)



- Cyan (61%)
- Magenta (0%)
- Yellow (41%)
- Black (23%)



- Cyan (70%)
- Magenta (23%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DC474 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 4DC474 by changing the saturation by 10% instead.



4DC474



4DC474

FFFFFF



2BA85B



88FDA9



008D42



A5FFC4



00732B



C3FFE1



005913



E0FFFD



004000

FEFFFF



002B00



000700



000000



4DC474



4DC474

 39C467

 61C481

 26C45A

 74C48E

 12C44C

 88C49C

 00C440

 9BC4A9

 AFC4B6

 C3C4C3

 D6C4D0

 EAC4DD

 FDC4EB

Harmonies

Analogous

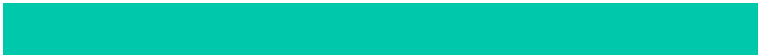
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97BA4A



4DC474



00C8AB

Triad

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



4DC474



25B4FF



FF847C

Complementary

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



4DC474



C44D9D

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.



FF7EB2



4DC474



ADA0FF

Square

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



4DC474



00C2FF



EF8AE6



F79651

Rectangle

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



4DC474



00C9D0



EF8AE6



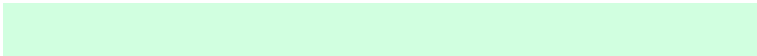
FF808E

Sweetspot

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



4DC474



D1FFE0



9EC44D



63806D



000000



808080

Same Dimension

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



4DC474



45FF82



4DC4AE



57615A



00A135



00210B

Inverse Universe

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



C44D9D



FF45C2



C44D63



61575E



A1006C



210016

Previews

White Background



This preview shows how the Hex color 4DC474 looks on a white background.

Color Contrast Check

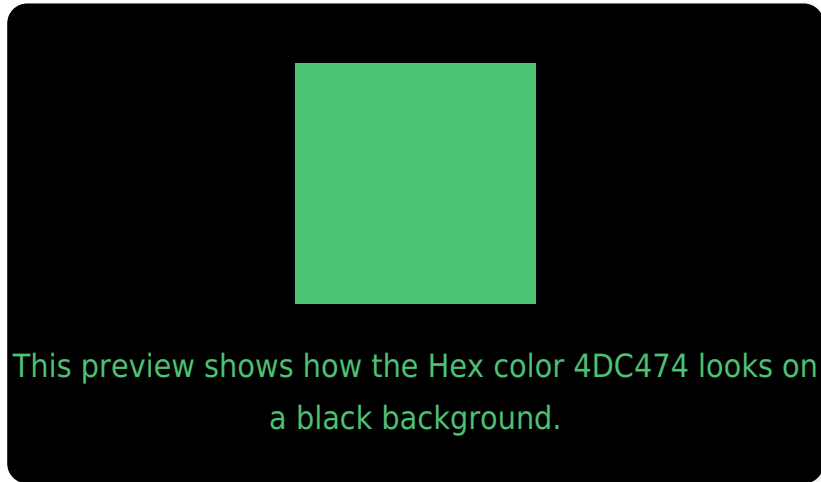
Large Text (above 18pt) WCAG AA × Fail

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

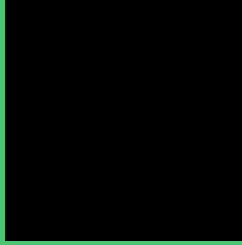
Any Text WCAG AA ✓ Pass

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 4DC474 Background



This preview shows how black text looks on a background with the Hex color 4DC474.

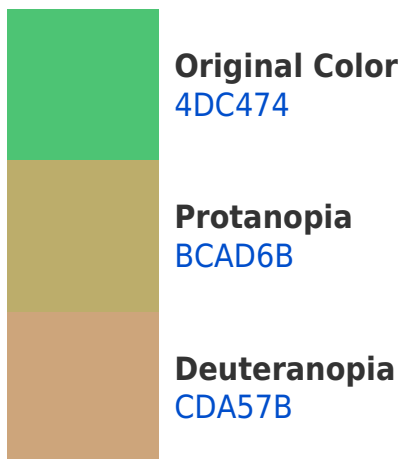


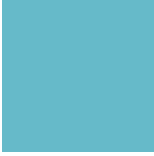
This preview shows how white text looks on a background with the Hex color 4DC474.

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
66BAC9

Trichromacy



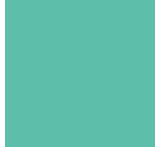
Original Color
4DC474



Protanomaly
94B56E



Deuteranomaly
9EB078



Tritanomaly
5DBEAA

Monochromacy



Original Color
4DC474



Achromatopsia
979797



Achromatomaly
7CA78A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DC474 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 #4DC474 looks like.

```
.text, #text, p{  
    color:#4DC474  
}
```

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 #4DC474 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DC474
}
```

Border

The CSS property to change the border of an element to Hex 4DC474 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
#4DC474 }
```

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

```
.border{ border-color:#4DC474 }
```

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

Here you see how a box with a 4 pixel #4DC474 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DC474; -webkit-box-shadow:4px 4px  
4px 4px #4DC474; box-shadow:4px 4px 4px  
4px #4DC474 }
```

Background

The CSS property to change the background color of an element to Hex 4DC474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DC474 }
```

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

```
.background{ background-color:#4DC474 }
```

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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