

Converting Colors

Hex(4DC54F)

Have a look what the booklet for
Hex(4DC54F) contains.

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Color

Hex(4DC54F)

Conversions

Conversions Part 1

Format	Color
Hex	4DC54F
RGB	77, 197, 79
RGB Percent	30%, 77%, 31%
CMY	0.6980, 0.2275, 0.6902
CMYK	0.61, 0.00, 0.60, 0.23
HSL	121°, 51%, 54%
HSV	121°, 61%, 77%
XYZ	24.4381, 42.0748, 14.2304
YIQ	147.6680, -33.6420, -62.1380

Conversions

Conversions Part 2

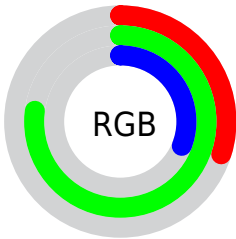
Format	Color
RYB	77, 195, 197
Decimal	5096783
CIELab	70.92, -56.72, 48.37
CIELCh	71, 74.548, 139.545
Yxy	42.0748, 0.3027, 0.5211
Android (android.graphics.Color)	4283286863 (0xFF4DC54F)
YUV	147.6680, -33.8533, -61.9758
Hunter-Lab	64.8651, -46.2635, 32.3983

Details

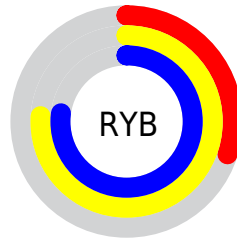
The Hex color **4DC54F** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C54DC3**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **89FF84**, and **008E18** is the 20% darker color. If you saturate the color by 10%, you get **39C53C**, and if you desaturate by 10%, it is **61C562**.

Distribution



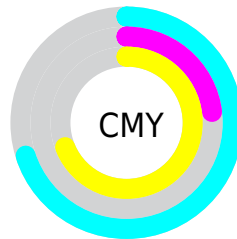
- Red (30%)
- Green (77%)
- Blue (31%)



- Red (30%)
- Yellow (76%)
- Blue (77%)



- Cyan (61%)
- Magenta (0%)
- Yellow (60%)
- Black (23%)



- Cyan (70%)
- Magenta (23%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DC54F 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 4DC54F by changing the saturation by 10% instead.

 4DC54F

 4DC54F

FFFFFF

 2AA935

 89FF84

 008E18

 A7FF9F

 007300

 C5FFBB

 005A00

 E2FFD7

 004100

 FFFFF4

 002A00

 000600

 000000

 4DC54F

 4DC54F

 39C53C

 61C562

 26C528

 74C576

 12C515

 88C589

 00C503

 9CC59C

 B0C5B0

 C3C5C3

 D7C5D7

 EBC5EA

 FEC5FD

Harmonies

Analogous

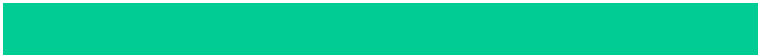
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A4B80F



4DC54F



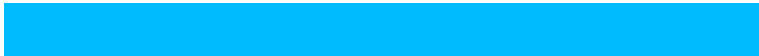
00CC93

Triad

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



4DC54F



00BCFF



FF6C84

Complementary

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



4DC54F



C54DC3

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.



FF6DC8



4DC54F



7CA6FF

Square

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



4DC54F



00C9FF



E787FF



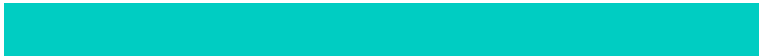
FF8547

Rectangle

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



4DC54F



00CDC2



E787FF



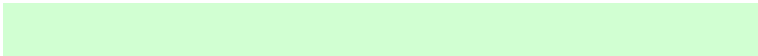
FF699B

Sweetspot

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



4DC54F



D1FFD2



C3C54D



638064



000000



808080

Same Dimension

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



4DC54F



45FF48



4DC58B



5A635A



00A303



002401

Inverse Universe

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



C54DC3



FF45FC



C54D87



635A63



A300A0



240023

Previews

White Background



This preview shows how the Hex color 4DC54F looks on a white background.

Color Contrast Check

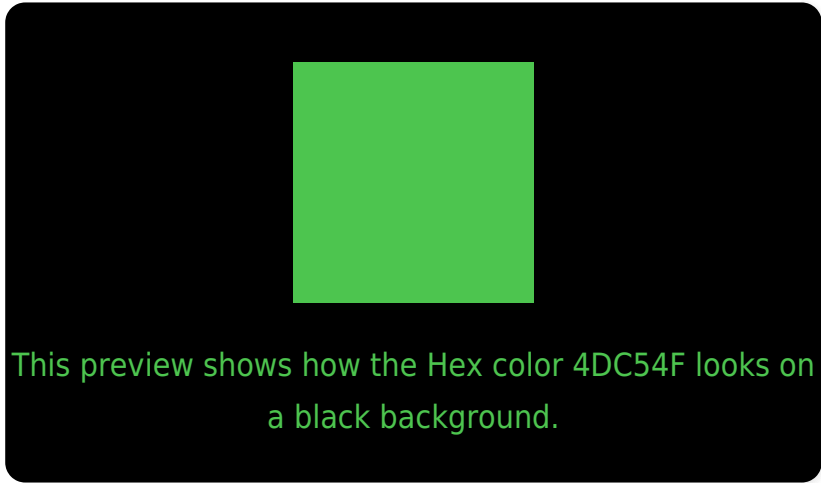
Large Text (above 18pt) WCAG AA × Fail

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 4DC54F Background



This preview shows how black text looks on a background with the Hex color 4DC54F.

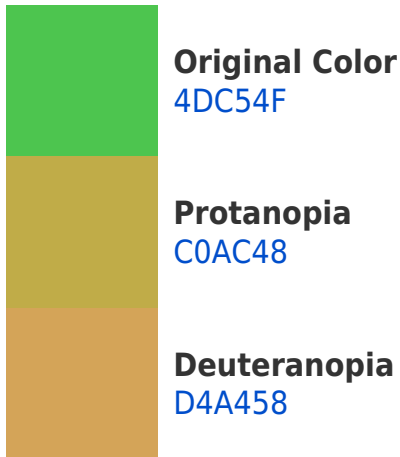


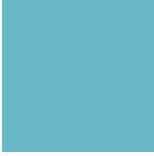
This preview shows how white text looks on a background with the Hex color 4DC54F.

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
6AB9C8

Trichromacy



Original Color
4DC54F



Protanomaly
96B54B



Deuteranomaly
A3B055



Tritanomaly
5FBD9C

Monochromacy



Original Color
4DC54F



Achromatopsia
949494



Achromatomaly
7AA67B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DC54F 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 #4DC54F looks like.

```
.text, #text, p{  
    color:#4DC54F  
}
```

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 #4DC54F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DC54F
}
```

Border

The CSS property to change the border of an element to Hex 4DC54F 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
#4DC54F }
```

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

```
.border{ border-color:#4DC54F }
```

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

Here you see how a box with a 4 pixel #4DC54F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DC54F; -webkit-box-shadow:4px 4px  
4px 4px #4DC54F; box-shadow:4px 4px 4px  
4px #4DC54F }
```

Background

The CSS property to change the background color of an element to Hex 4DC54F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DC54F }
```

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

```
.background{ background-color:#4DC54F }
```

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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