

# Converting Colors

Hex(4FD149)

Have a look what the booklet for  
Hex(4FD149) contains.

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**Color**

**Hex(4FD149)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FD149
RGB	79, 209, 73
RGB Percent	31%, 82%, 29%
CMY	0.6902, 0.1804, 0.7137
CMYK	0.62, 0.00, 0.65, 0.18
HSL	117°, 60%, 55%
HSV	117°, 65%, 82%
XYZ	27.2275, 47.7442, 14.0839
YIQ	154.6260, -33.8240, -69.8560

# Conversions

## Conversions Part 2

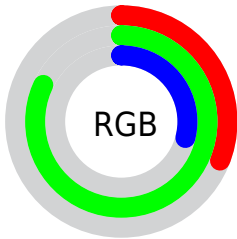
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 209, 203
Decimal	5230921
CIELab	74.66, -61.19, 55.17
CIELCh	75, 82.386, 137.960
Yxy	47.7442, 0.3057, 0.5361
Android (android.graphics.Color)	4283421001 (0xFF4FD149)
YUV	154.6260, -40.2416, -66.3240
Hunter-Lab	69.0972, -50.5828, 36.2832

# Details

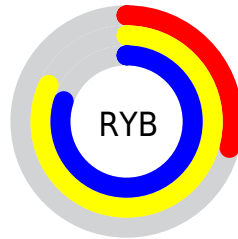
The Hex color **4FD149** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **CB49D1**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **8DFF7F**, and **009909** is the 20% darker color. If you saturate the color by 10%, you get **3BD134**, and if you desaturate by 10%, it is **63D15E**.

# Distribution



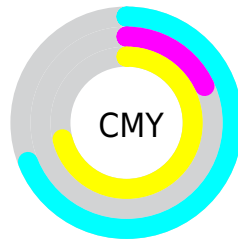
- Red (31%)
- Green (82%)
- Blue (29%)



- Red (29%)
- Yellow (82%)
- Blue (80%)



- Cyan (62%)
- Magenta (0%)
- Yellow (65%)
- Black (18%)



- Cyan (69%)
- Magenta (18%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FD149 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 4FD149 by changing the saturation by 10% instead.



 4FD149

 4FD149

FFFFFF

 29B52D

 8DFF7F

 009909

 ABFF9A

 007E00

 C9FFB6

 006400

 E8FFD3

 004B00

 FFFFF0

 003400

 001900

 000000

 4FD149

 4FD149

 3BD134

 63D15E

 27D11F

 77D173

 13D10A

 8BD188

 09D100

 9FD19D

 B3D1B2

 C7D1C6

 DBD1DB

 EFD1F0

 FFD1FF

# Harmonies

## Analogous

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



B0C200



4FD149



00D995

# Triad

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



4FD149



00C9FF



FF6B8E

# Complementary

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



4FD149



CB49D1

# 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.



FF6DDA



4FD149



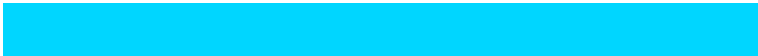
71B1FF

# Square

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



4FD149



00D6FF



F38EFF



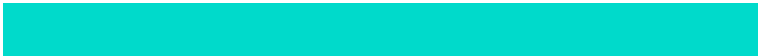
FF8848

# Rectangle

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



4FD149



00DACB



F38EFF



FF67A7

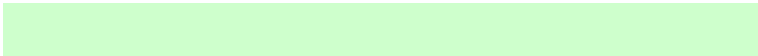


# Sweetspot

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



4FD149



CEFFCC



D1CA49



628061



000000



808080



# Same Dimension

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



4FD149



41FF38



49D186



5F695E



07A800



022900



# Inverse Universe

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



CB49D1



F638FF



D14994



685E69



A100A8

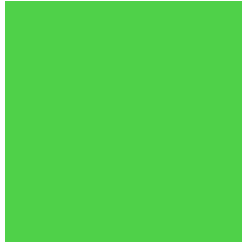


270029



# Previews

## White Background



This preview shows how the Hex color 4FD149 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



This preview shows how the Hex color 4FD149 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

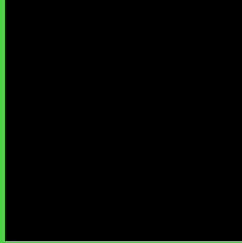
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4FD149 Background



This preview shows how black text looks on a background with the Hex color 4FD149.

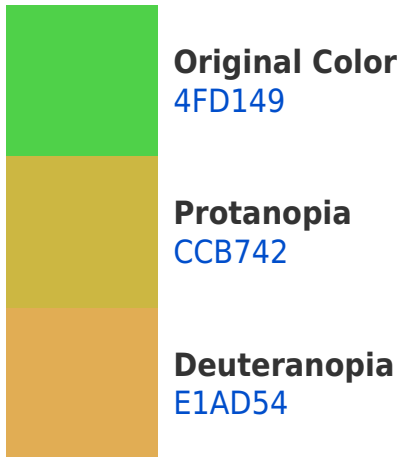


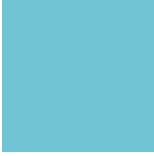
This preview shows how white text looks on a background with the Hex color 4FD149.

# 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](#).

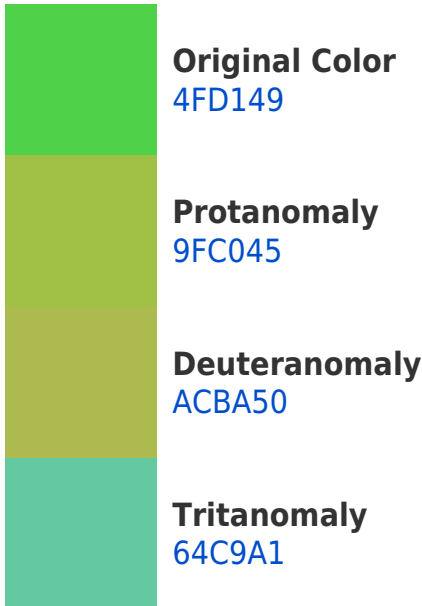
## Dichromacy



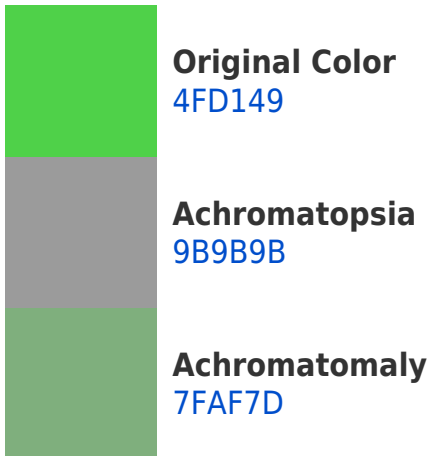


**Tritanopia**  
70C4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FD149 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 #4FD149 looks like.

```
.text, #text, p{  
    color:#4FD149  
}
```

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 #4FD149 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FD149
}
```

## Border

The CSS property to change the border of an element to Hex 4FD149 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
#4FD149 }
```

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

```
.border{ border-color:#4FD149 }
```

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

Here you see how a box with a 4 pixel #4FD149 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FD149; -webkit-box-shadow:4px 4px  
4px 4px #4FD149; box-shadow:4px 4px 4px  
4px #4FD149 }
```

# Background

The CSS property to change the background color of an element to Hex 4FD149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FD149 }
```

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

```
.background{ background-color:#4FD149 }
```

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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