

Converting Colors

Hex(4FD94B)

Have a look what the booklet for
Hex(4FD94B) contains.

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Color

Hex(4FD94B)

Conversions

Conversions Part 1

Format	Color
Hex	4FD94B
RGB	79, 217, 75
RGB Percent	31%, 85%, 29%
CMY	0.6902, 0.1490, 0.7059
CMYK	0.64, 0.00, 0.65, 0.15
HSL	118°, 65%, 57%
HSV	118°, 65%, 85%
XYZ	29.3073, 51.7960, 15.1096
YIQ	159.5500, -36.6660, -73.4180

Conversions

Conversions Part 2

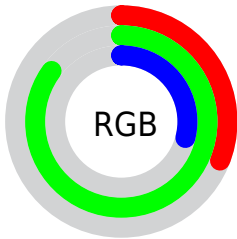
Format	Color
RYB	75, 217, 213
Decimal	5232971
CIELab	77.16, -63.75, 57.07
CIELCh	77, 85.569, 138.165
Yxy	51.7960, 0.3046, 0.5383
Android (android.graphics.Color)	4283423051 (0xFF4FD94B)
YUV	159.5500, -41.6832, -70.6424
Hunter-Lab	71.9694, -53.2579, 37.9310

Details

The Hex color **4FD94B** 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 **D54BD9**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **8FFF81**, and **00A10A** is the 20% darker color. If you saturate the color by 10%, you get **3AD935**, and if you desaturate by 10%, it is **64D961**.

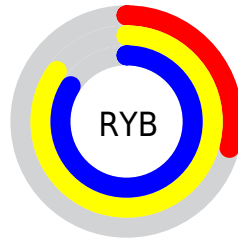
Distribution



Red (31%)

Green (85%)

Blue (29%)



Red (29%)

Yellow (85%)

Blue (84%)

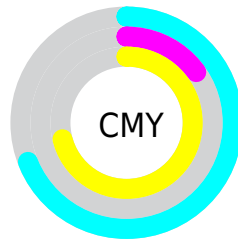


Cyan (64%)

Magenta (0%)

Yellow (65%)

Black (15%)



Cyan (69%)

Magenta (15%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FD94B 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 4FD94B by changing the saturation by 10% instead.



4FD94B



4FD94B

FFFFFF



27BD2F



8FFF81



00A10A



ADFF9D



008600



CBFFB9



006B00



EAFFD6



005100



FFFFF3



003900



002100



000000



4FD94B



4FD94B

 3AD935

 64D961

 25D920

 79D976

 10D90A

 8ED98C

 06D900

 A3D9A2

 B8D9B7

 CED9CD

 E3D9E3

 F8D9F9

 FFD9FF

Harmonies

Analogous

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



B6C900



4FD94B



00E19B

Triad

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



4FD94B



00D1FF



FF6E92

Complementary

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



4FD94B



D54BD9

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.



FF70E1



4FD94B



75B7FF

Square

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



4FD94B



00DFFF



FD92FF



FF8D49

Rectangle

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



4FD94B



00E3D3



FD92FF



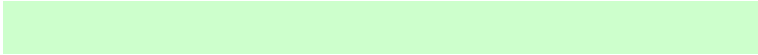
FF6AAC

Sweetspot

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



4FD94B



CDFECC



D9D44B



628061



000000



808080

Same Dimension

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



4FD94B



3BFF36



4BD98D



636E63



05AD00



012E00

Inverse Universe

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



D54BD9



F936FF



D94B97



6D636E



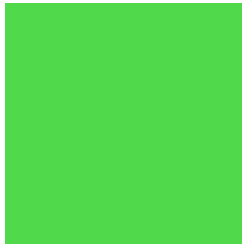
A900AD



2D002E

Previews

White Background



This preview shows how the Hex color 4FD94B looks on a white background.

Color Contrast Check

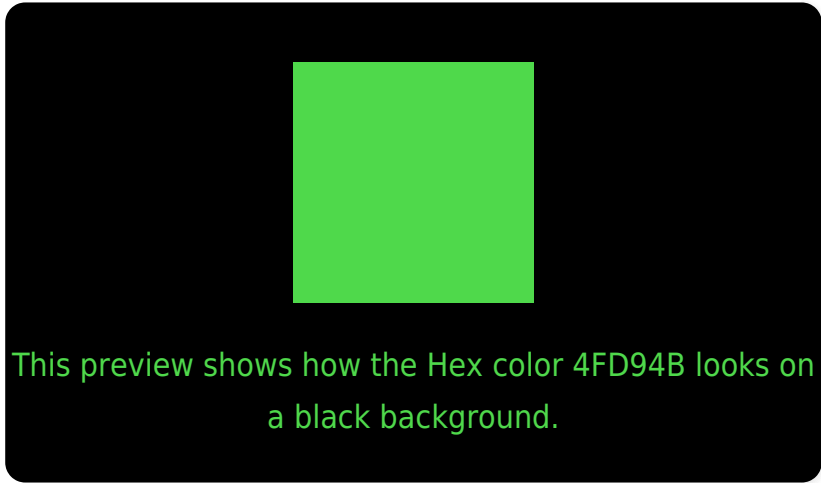
Large Text (above 18pt) WCAG AA × Fail

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 4FD94B Background



This preview shows how black text looks on a background with the Hex color 4FD94B.

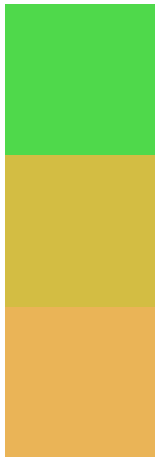


This preview shows how white text looks on a background with the Hex color 4FD94B.

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](#).

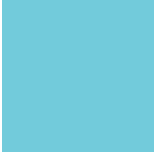
Dichromacy



Original Color
4FD94B

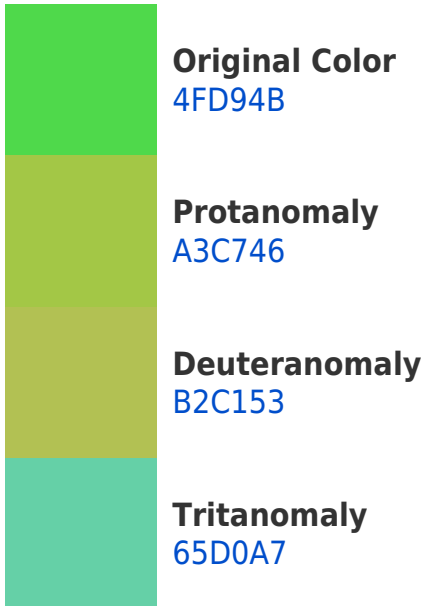
Protanopia
D3BD43

Deuteranopia
EAB457

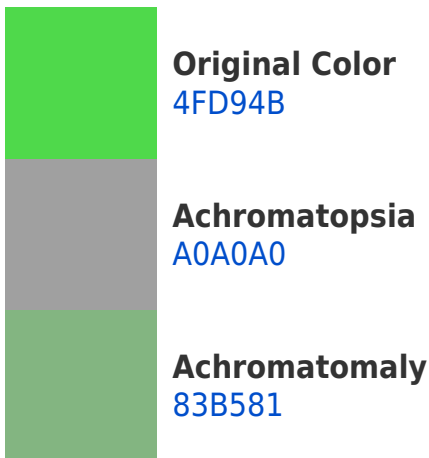


Tritanopia
72CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FD94B 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 #4FD94B looks like.

```
.text, #text, p{  
    color:#4FD94B  
}
```

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 #4FD94B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FD94B
}
```

Border

The CSS property to change the border of an element to Hex 4FD94B 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
#4FD94B }
```

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

```
.border{ border-color:#4FD94B }
```

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

Here you see how a box with a 4 pixel #4FD94B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FD94B; -webkit-box-shadow:4px 4px  
4px 4px #4FD94B; box-shadow:4px 4px 4px  
4px #4FD94B }
```

Background

The CSS property to change the background color of an element to Hex 4FD94B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FD94B }
```

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

```
.background{ background-color:#4FD94B }
```

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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