

Converting Colors

Hex(4FDB7B)

Have a look what the booklet for
Hex(4FDB7B) contains.

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Color

Hex(4FDB7B)

Conversions

Conversions Part 1

Format	Color
Hex	4FDB7B
RGB	79, 219, 123
RGB Percent	31%, 86%, 48%
CMY	0.6902, 0.1412, 0.5176
CMYK	0.64, 0.00, 0.44, 0.14
HSL	139°, 66%, 58%
HSV	139°, 64%, 86%
XYZ	32.1311, 53.7554, 27.4212
YIQ	166.1960, -52.6240, -59.5360

Conversions

Conversions Part 2

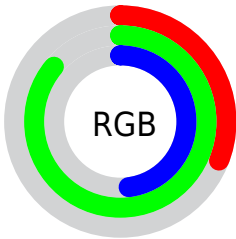
Format	Color
RYB	79, 186, 219
Decimal	5233531
CIELab	78.32, -58.24, 36.32
CIElCh	78, 68.633, 148.051
Yxy	53.7554, 0.2836, 0.4744
Android (android.graphics.Color)	4283423611 (0xFF4FDB7B)
YUV	166.1960, -21.2956, -76.4709
Hunter-Lab	73.3180, -50.0802, 29.1479

Details

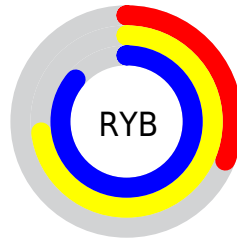
The Hex color **4FDB7B** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DB4FAF**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **8DFFB1**, and **00A348** is the 20% darker color. If you saturate the color by 10%, you get **39DB6C**, and if you desaturate by 10%, it is **65DB8A**.

Distribution



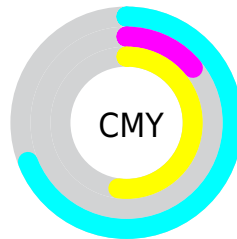
- Red (31%)
- Green (86%)
- Blue (48%)



- Red (31%)
- Yellow (73%)
- Blue (86%)



- Cyan (64%)
- Magenta (0%)
- Yellow (44%)
- Black (14%)



- Cyan (69%)
- Magenta (14%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FDB7B 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 4FDB7B by changing the saturation by 10% instead.



4FDB7B



4FDB7B

FFFFFF



29BF61



8DFFB1



00A348



ABFFCC



008830



CAFFE9



006D17



E8FFFF



005400



003B00



002400



000000



4FDB7B



4FDB7B

 39DB6C

 65DB8A

 23DB5D

 7BDB99

 0DDB4E

 91DBA8

 00DB45

 A7DBB7

 BDDBC6

 D2DBD5

 E8DBE4

 FEDBF3

 FFDBFF

Harmonies

Analogous

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



A8D048



4FDB7B



00E0BB

Triad

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



4FDB7B



00CAFF



FF8E89

Complementary

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



4FDB7B



DB4FAF

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.



FF87C9



4FDB7B



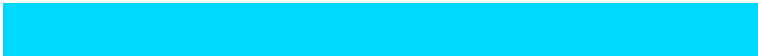
BCB3FF

Square

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



4FDB7B



00D9FF



FF98FF



FFA555

Rectangle

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



4FDB7B



00E1E7



FF98FF



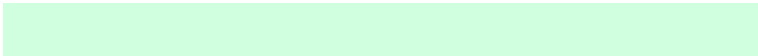
FF899E

Sweetspot

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



4FDB7B



CFFFDE



B1DB4F



62806B



000000



808080

Same Dimension

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



4FDB7B



3BFF78



4FDDBF



636E66



00AD36



002E0E

Inverse Universe

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



DB4FAF



FF3BC1



DB4F6B



6E636A



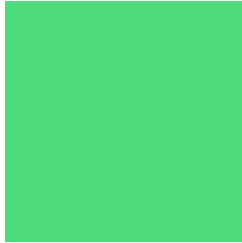
AD0077



2E001F

Previews

White Background



This preview shows how the Hex color 4FDB7B looks on a white background.

Color Contrast Check

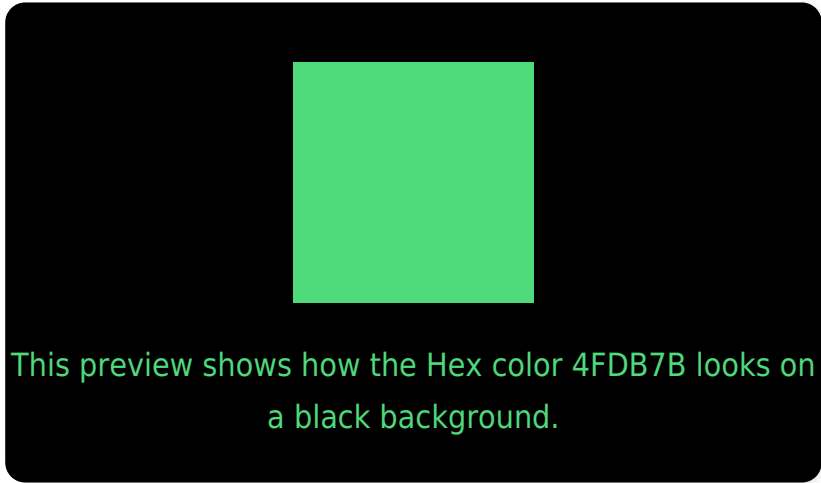
Large Text (above 18pt) WCAG AA × Fail

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

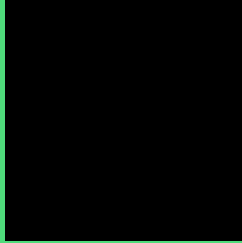
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

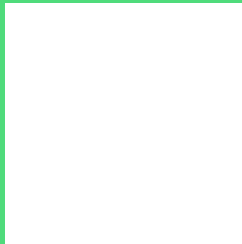
Any Text WCAG AAA ✓ Pass

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

Hex 4FDB7B Background



This preview shows how black text looks on a background with the Hex color 4FDB7B.

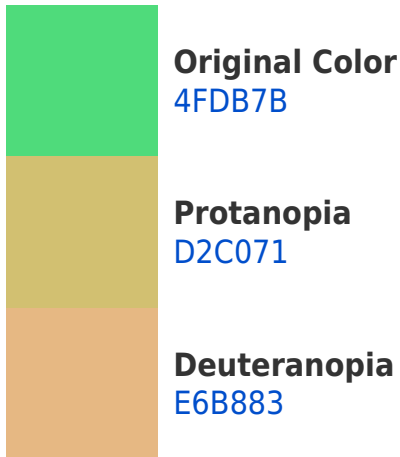


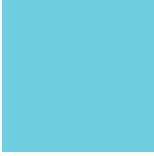
This preview shows how white text looks on a background with the Hex color 4FDB7B.

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](#).

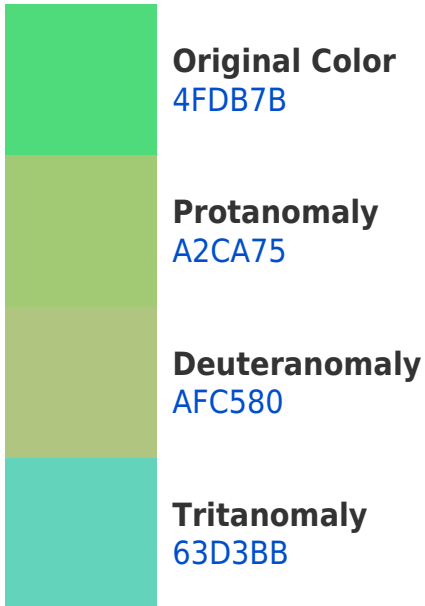
Dichromacy



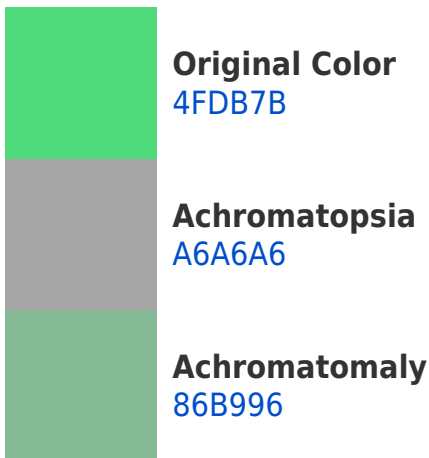


Tritanopia
6ECFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FDB7B 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 #4FDB7B looks like.

```
.text, #text, p{  
    color:#4FDB7B  
}
```

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 #4FDB7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FDB7B
}
```

Border

The CSS property to change the border of an element to Hex 4FDB7B 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
#4FDB7B }
```

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

```
.border{ border-color:#4FDB7B }
```

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

Here you see how a box with a 4 pixel #4FDB7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FDB7B; -webkit-box-shadow:4px 4px  
4px 4px #4FDB7B; box-shadow:4px 4px 4px  
4px #4FDB7B }
```

Background

The CSS property to change the background color of an element to Hex 4FDB7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FDB7B }
```

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

```
.background{ background-color:#4FDB7B }
```

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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