

Converting Colors

Hex(4FD8A2)

Have a look what the booklet for
Hex(4FD8A2) contains.

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Color

Hex(4FD8A2)

Conversions

Conversions Part 1

Format	Color
Hex	4FD8A2
RGB	79, 216, 162
RGB Percent	31%, 85%, 64%
CMY	0.6902, 0.1529, 0.3647
CMYK	0.63, 0.00, 0.25, 0.15
HSL	156°, 64%, 58%
HSV	156°, 63%, 85%
XYZ	34.3019, 53.3826, 42.6784
YIQ	168.8810, -64.3180, -45.8380

Conversions

Conversions Part 2

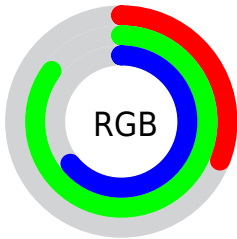
Format	Color
RYB	79, 164, 216
Decimal	5232802
CIELab	78.10, -49.62, 15.87
CIELCh	78, 52.099, 162.260
Yxy	53.3826, 0.2631, 0.4095
Android (android.graphics.Color)	4283422882 (0xFF4FD8A2)
YUV	168.8810, -3.3923, -78.8256
Hunter-Lab	73.0634, -44.0586, 16.5114

Details

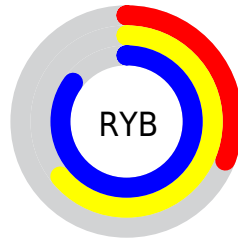
The Hex color **4FD8A2** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D84F85**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **8DFFD9**, and **00A06E** is the 20% darker color. If you saturate the color by 10%, you get **39D899**, and if you desaturate by 10%, it is **65D8AB**.

Distribution



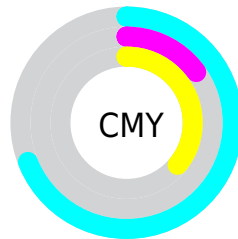
- Red (31%)
- Green (85%)
- Blue (64%)



- Red (31%)
- Yellow (64%)
- Blue (85%)



- Cyan (63%)
- Magenta (0%)
- Yellow (25%)
- Black (15%)



- Cyan (69%)
- Magenta (15%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FD8A2 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 4FD8A2 by changing the saturation by 10% instead.

 4FD8A2

 4FD8A2

FFFFFF

 2ABC88

 8DFFD9

 00A06E

 ABFFF5

 008556

 C9FFFF

 006B3E

 E7FFFF

 005228

 003913

 002300

 000000

 4FD8A2

 4FD8A2

 39D899

 65D8AB

 24D891

 7AD8B3

 0ED888

 90D8BC

 00D883

 A5D8C4

 BBD8CD

 D1D8D5

 E6D8DE

 FCD8E6

 FFD8EF

Harmonies

Analogous

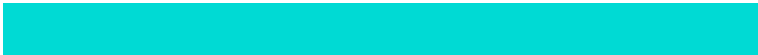
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96D177



4FD8A2



00DAD4

Triad

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



4FD8A2



96BFFF



FFA382

Complementary

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



4FD8A2



D84F85

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.



FF99AF



4FD8A2



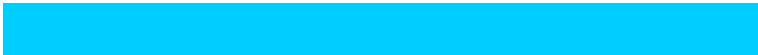
DFADFF

Square

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



4FD8A2



00CEFF



FF9DE0



F7B464

Rectangle

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



4FD8A2



00D9F3



FF9DE0



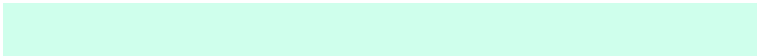
FF9F90

Sweetspot

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



4FD8A2



CFF FEC



86D84F



628074



000000



808080

Same Dimension

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



4FD8A2



3DFFB3



4FCAD8



606B67



00AB68



002B1A

Inverse Universe

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



D84F85



FF3D8A



D85D4F



6B6065



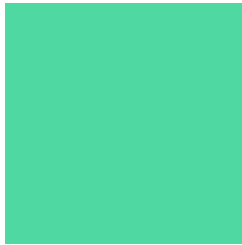
AB0043



2B0011

Previews

White Background



This preview shows how the Hex color 4FD8A2 looks on a white background.

Color Contrast Check

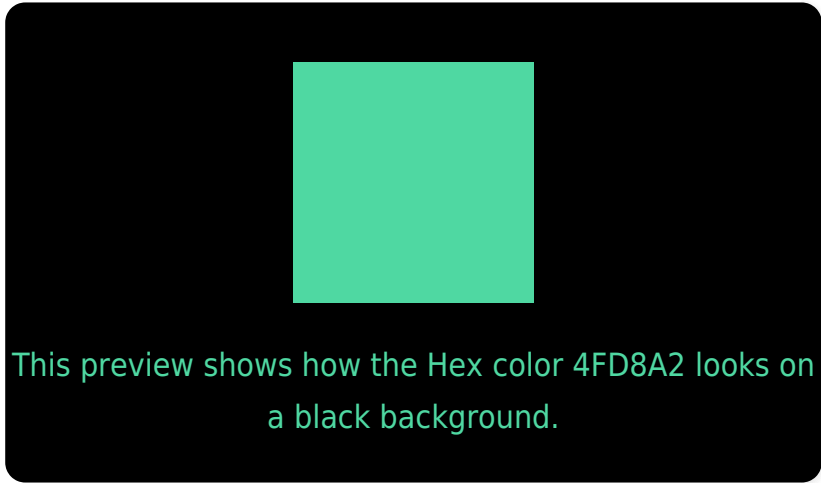
Large Text (above 18pt) WCAG AA × Fail

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

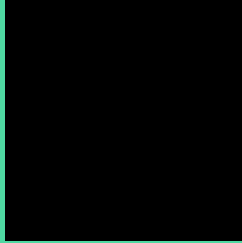
Any Text WCAG AA ✓ Pass

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 4FD8A2 Background



This preview shows how black text looks on a background with the Hex color 4FD8A2.

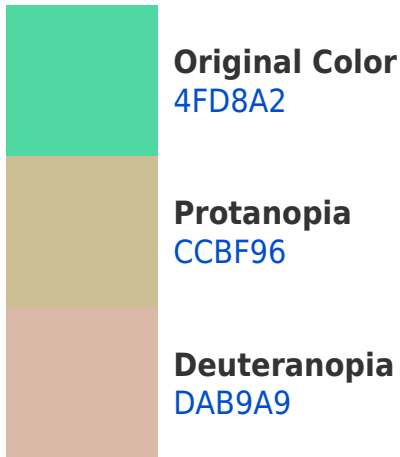


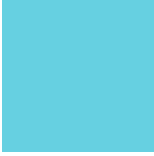
This preview shows how white text looks on a background with the Hex color 4FD8A2.

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](#).

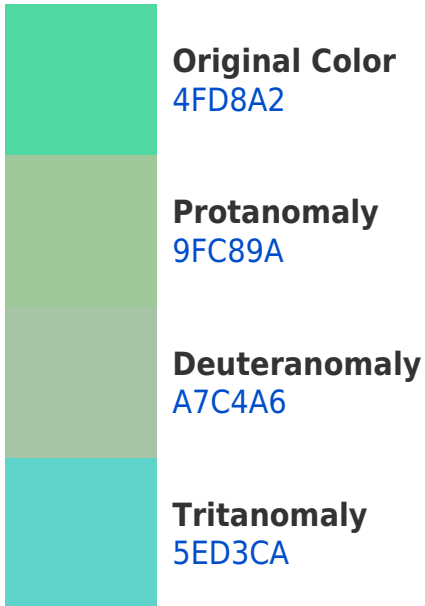
Dichromacy



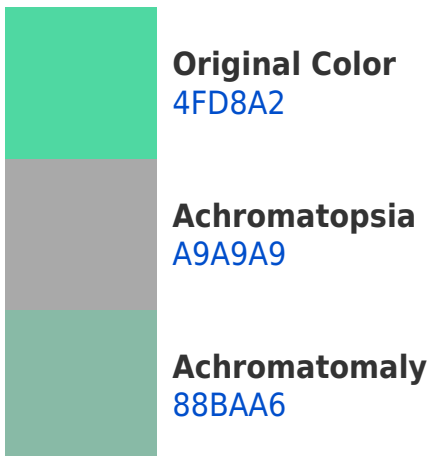


Tritanopia
66D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FD8A2 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 #4FD8A2 looks like.

```
.text, #text, p{  
    color:#4FD8A2  
}
```

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 #4FD8A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FD8A2
}
```

Border

The CSS property to change the border of an element to Hex 4FD8A2 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
#4FD8A2 }
```

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

```
.border{ border-color:#4FD8A2 }
```

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

Here you see how a box with a 4 pixel #4FD8A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FD8A2; -webkit-box-shadow:4px 4px  
4px 4px #4FD8A2; box-shadow:4px 4px 4px  
4px #4FD8A2 }
```

Background

The CSS property to change the background color of an element to Hex 4FD8A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FD8A2 }
```

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

```
.background{ background-color:#4FD8A2 }
```

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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