

Converting Colors

Hex(4FDEA9)

Have a look what the booklet for
Hex(4FDEA9) contains.

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Color

Hex(4FDEA9)

Conversions

Conversions Part 1

Format	Color
Hex	4FDEA9
RGB	79, 222, 169
RGB Percent	31%, 87%, 66%
CMY	0.6902, 0.1294, 0.3373
CMYK	0.64, 0.00, 0.24, 0.13
HSL	158°, 68%, 59%
HSV	158°, 64%, 87%
XYZ	36.5072, 56.7694, 46.5696
YIQ	173.2010, -68.2150, -46.7990

Conversions

Conversions Part 2

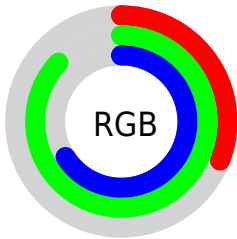
Format	Color
RYB	79, 167, 222
Decimal	5234345
CIELab	80.05, -50.55, 14.92
CIElCh	80, 52.707, 163.562
Yxy	56.7694, 0.2611, 0.4059
Android (android.graphics.Color)	4283424425 (0xFF4FDEA9)
YUV	173.2010, -2.0711, -82.6143
Hunter-Lab	75.3455, -45.3659, 16.0958

Details

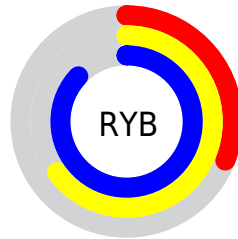
The Hex color **4FDEA9** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DE4F84**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **8EFFE0**, and **00A675** is the 20% darker color. If you saturate the color by 10%, you get **39DEA1**, and if you desaturate by 10%, it is **65DEB1**.

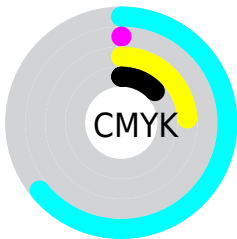
Distribution



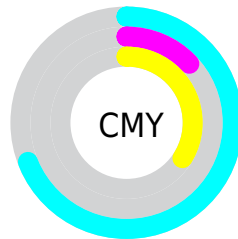
- Red (31%)
- Green (87%)
- Blue (66%)



- Red (31%)
- Yellow (65%)
- Blue (87%)



- Cyan (64%)
- Magenta (0%)
- Yellow (24%)
- Black (13%)



- Cyan (69%)
- Magenta (13%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FDEA9 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 4FDEA9 by changing the saturation by 10% instead.

 4FDEA9

 4FDEA9

FFFFFF

 28C28E

 8EFFE0

 00A675

 ACFFFD

 008B5C

 CAFFFF

 007044

 E9FFFF

 00572E

 003E19

 002800

 000000

 4FDEA9

 4FDEA9

 39DEA1

 65DEB1

 23DE99

 7BDEB9

 0CDE90

 92DEC2

 00DE8C

 A8DECA

 BEDED2

 D4DEDA

 EADEE3

 FFDEEB

 FFDEF3

Harmonies

Analogous

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



98D77D



4FDEA9



00E0DC

Triad

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



4FDEA9



9FC4FF



FFA985

Complementary

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



4FDEA9



DE4F84

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.



FF9EB2



4FDEA9



E8B1FF

Square

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



4FDEA9



16D3FF



FFA2E4



FBBA67

Rectangle

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



4FDEA9



00DEFB



FFA2E4



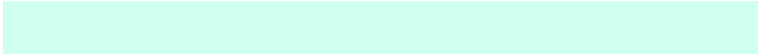
FFA493

Sweetspot

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



4FDEA9



CFFFED



86DE4F



628075



000000



808080

Same Dimension

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



4FDEA9



3BFFB6



4FCDDE



65706C



00B06F



00301E

Inverse Universe

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



DE4F84



FF3B83



DE604F



706569



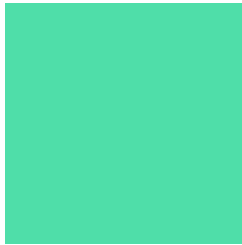
B00041



300012

Previews

White Background



This preview shows how the Hex color 4FDEA9 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 4FDEA9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

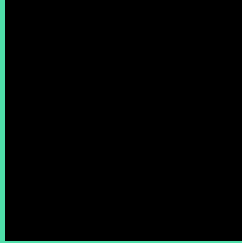
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

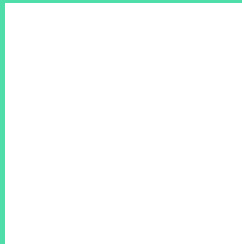
Any Text WCAG AAA ✓ Pass

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

Hex 4FDEA9 Background



This preview shows how black text looks on a background with the Hex color 4FDEA9.

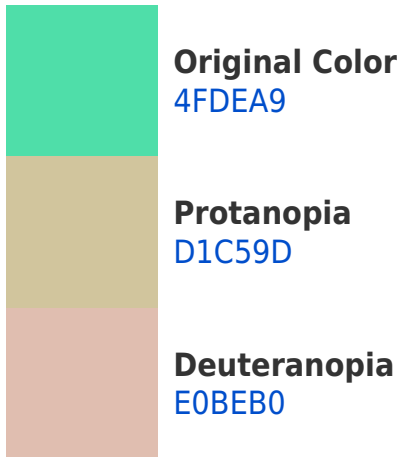


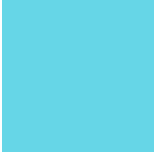
This preview shows how white text looks on a background with the Hex color 4FDEA9.

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
66D6E7

Trichromacy



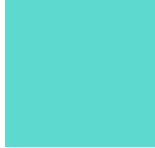
Original Color
4FDEA9



Protanomaly
A2CEA1



Deuteranomaly
ABCAAD



Tritanomaly
5ED9D0

Monochromacy



Original Color
4FDEA9



Achromatopsia
ADADAD



Achromatomaly
8BBFAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FDEA9 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 #4FDEA9 looks like.

```
.text, #text, p{  
    color:#4FDEA9  
}
```

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 #4FDEA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FDEA9
}
```

Border

The CSS property to change the border of an element to Hex 4FDEA9 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
#4FDEA9 }
```

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

```
.border{ border-color:#4FDEA9 }
```

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

Here you see how a box with a 4 pixel #4FDEA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FDEA9; -webkit-box-shadow:4px 4px  
4px 4px #4FDEA9; box-shadow:4px 4px 4px  
4px #4FDEA9 }
```

Background

The CSS property to change the background color of an element to Hex 4FDEA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FDEA9 }
```

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

```
.background{ background-color:#4FDEA9 }
```

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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