

Converting Colors

Hex(4EDFAA)

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

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Color

Hex(4EDFAA)

Conversions

Conversions Part 1

Format	Color
Hex	4EDFAA
RGB	78, 223, 170
RGB Percent	31%, 87%, 67%
CMY	0.6941, 0.1255, 0.3333
CMYK	0.65, 0.00, 0.24, 0.13
HSL	158°, 69%, 59%
HSV	158°, 65%, 87%
XYZ	36.7853, 57.2973, 47.1509
YIQ	173.6030, -69.4070, -47.2230

Conversions

Conversions Part 2

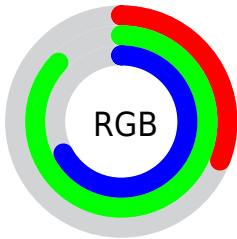
Format	Color
RYB	78, 167, 223
Decimal	5169066
CIELab	80.35, -50.91, 14.80
CIELCh	80, 53.020, 163.788
Yxy	57.2973, 0.2605, 0.4057
Android (android.graphics.Color)	4283359146 (0xFF4EDFAA)
YUV	173.6030, -1.7763, -83.8438
Hunter-Lab	75.6950, -45.7212, 16.0544

Details

The Hex color **4EDFAA** 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 **DF4E83**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **8DFFE1**, and **00A776** is the 20% darker color. If you saturate the color by 10%, you get **38DFA2**, and if you desaturate by 10%, it is **64DFB2**.

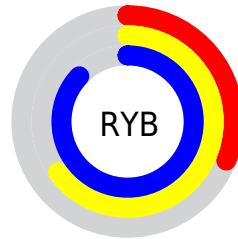
Distribution



Red (31%)

Green (87%)

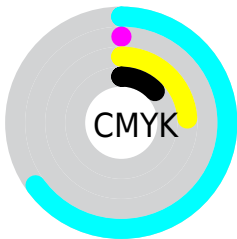
Blue (67%)



Red (31%)

Yellow (65%)

Blue (87%)

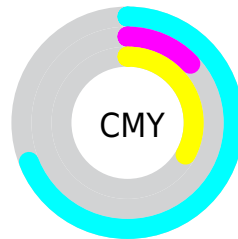


Cyan (65%)

Magenta (0%)

Yellow (24%)

Black (13%)



Cyan (69%)

Magenta (13%)

Yellow (33%)

Brightness & Saturation Gradients

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

 4EDFAA

 4EDFAA

FFFFFF

 26C38F

 8DFFE1

 00A776

 ACFFFE

 008C5D

 CAFFFF

 007145

 E8FFFF

 00582F

 003F19

 002900

 000200

 000000

 4EDFAA

 4EDFAA

 38DFA2

 64DFB2

 21DF9A

 7BDFBA

 0BDF92

 91DFC2

 00DF8D

 A7DFCB

 BEDFD3

 D4DFDB

 EADFE3

 FFD FEB

 FFD FF3

Harmonies

Analogous

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



98D87D



4EDFAA



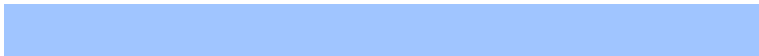
00E1DD

Triad

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



4EDFAA



A0C5FF



FFAA85

Complementary

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



4EDFAA



DF4E83

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.



FF9FB2



4EDFAA



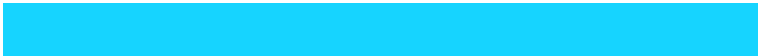
E9B2FF

Square

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



4EDFAA



16D4FF



FFA2E4



FCBB67

Rectangle

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



4EDFAA



00DFFD



FFA2E4



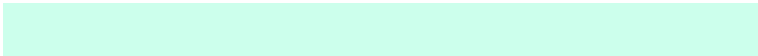
FFA593

Sweetspot

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



4EDFAA



CCFFEC



83DF4E



618074



000000



808080

Same Dimension

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



4EDFAA



38FFB6



4ECCDF



65706C



00B070



00301F

Inverse Universe

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



DF4E83



FF3881



DF614E



706569



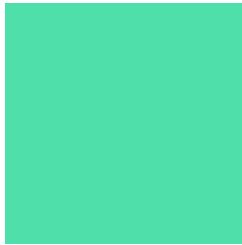
B00040



300012

Previews

White Background



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

Color Contrast Check

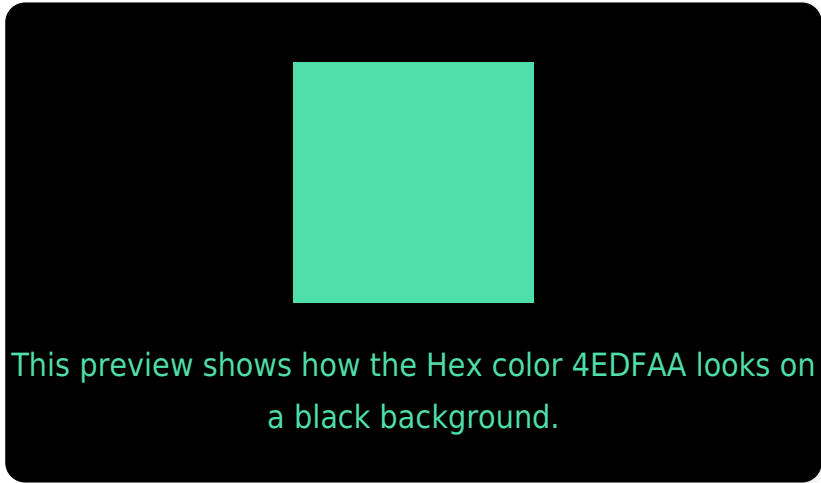
Large Text (above 18pt) WCAG AA × Fail

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 4EDFAA Background



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

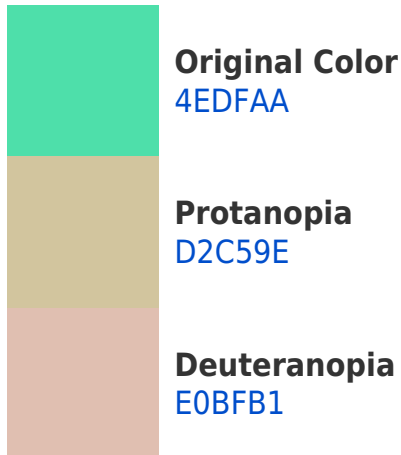


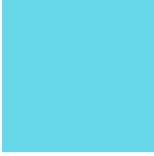
This preview shows how white text looks on a background with the Hex color 4EDFAA.

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
66D7E8

Trichromacy



Original Color
4EDFAA



Protanomaly
A2CEA2



Deuteranomaly
ABCBAE

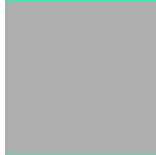


Tritanomaly
5DDAD1

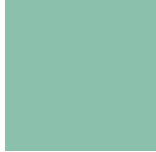
Monochromacy



Original Color
4EDFAA



Achromatopsia
AEAEAE



Achromatomaly
8BC0AD

CSS Examples

Text

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

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

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 #4EDFAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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