

Converting Colors

Hex(7ADD86)

Have a look what the booklet for
Hex(7ADD86) contains.

Hex(7ADD86)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7ADD86)

Conversions

Conversions Part 1

Format	Color
Hex	7ADD86
RGB	122, 221, 134
RGB Percent	48%, 87%, 53%
CMY	0.5216, 0.1333, 0.4745
CMYK	0.45, 0.00, 0.39, 0.13
HSL	127°, 59%, 67%
HSV	127°, 45%, 87%
XYZ	38.1856, 57.5717, 31.6541
YIQ	181.4810, -31.0770, -48.0450

Conversions

Conversions Part 2

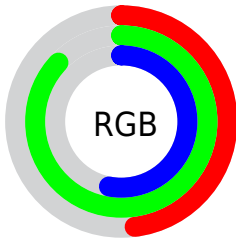
Format	Color
RYB	122, 210, 221
Decimal	8052102
CIELab	80.50, -47.01, 33.89
CIElCh	81, 57.949, 144.212
Yxy	57.5717, 0.2997, 0.4519
Android (android.graphics.Color)	4286242182 (0xFF7ADD86)
YUV	181.4810, -23.4081, -52.1648
Hunter-Lab	75.8760, -42.9507, 28.3785

Details

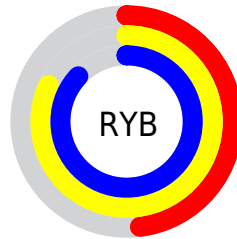
The Hex color **7ADD86** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **DD7AD1**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **B3FFBC**, and **41A553** is the 20% darker color. If you saturate the color by 10%, you get **64DD73**, and if you desaturate by 10%, it is **90DD99**.

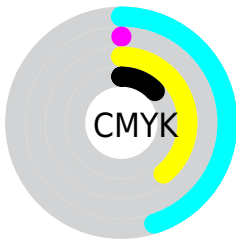
Distribution



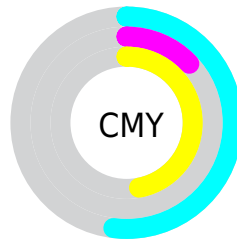
- Red (48%)
- Green (87%)
- Blue (53%)



- Red (48%)
- Yellow (82%)
- Blue (87%)



- Cyan (45%)
- Magenta (0%)
- Yellow (39%)
- Black (13%)



- Cyan (52%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7ADD86 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 7ADD86 by changing the saturation by 10% instead.

 7ADD86

 7ADD86

FFFFFF

 5EC16C

 B3FFBC

 41A553

 D0FFD8

 1F8A3B

 EDFFF5

 007023

 005709

 003E00

 002900

 000300

 000000

 7ADD86

 7ADD86

 64DD73

 90DD99

 4EDD5F

 A6DDAD

 38DD4C

 BCDDC0

 22DD38

 D2DDD4

 0CDD25

 E9DDE7

 00DD1B

 FFDDFB

 FFDDFF

Harmonies

Analogous

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



BCD261



7ADD86



00E3BB

Triad

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



7ADD86



40D1FF



FF9D9E

Complementary

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



7ADD86



DD7AD1

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.



FF9BD5



7ADD86



BBEFFF

Square

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



7ADD86



00DDFF



FFA9FF



FFAD71

Rectangle

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



7ADD86



00E3E1



FFA9FF



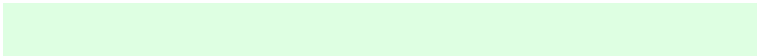
FF9AB0

Sweetspot

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



7ADD86



DEFFE2



D1DD7A



6B806E



000000



808080

Same Dimension

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



7ADD86



75FF86



7ADDB7



636E64



00AD15



002E06

Inverse Universe

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



DD7AD1



FF75EE



DD7AA0



6E636C



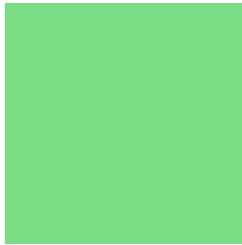
AD0098



2E0028

Previews

White Background



This preview shows how the Hex color 7ADD86 looks on a white background.

Color Contrast Check

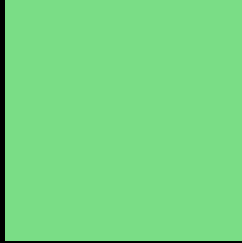
Large Text (above 18pt) WCAG AA × Fail

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 7ADD86 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 7ADD86 Background



This preview shows how black text looks on a background with the Hex color 7ADD86.

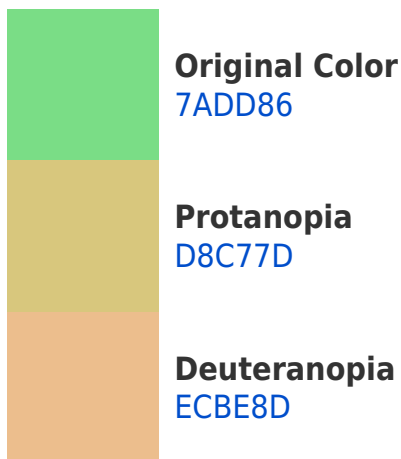


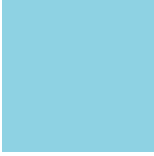
This preview shows how white text looks on a background with the Hex color 7ADD86.

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](#).

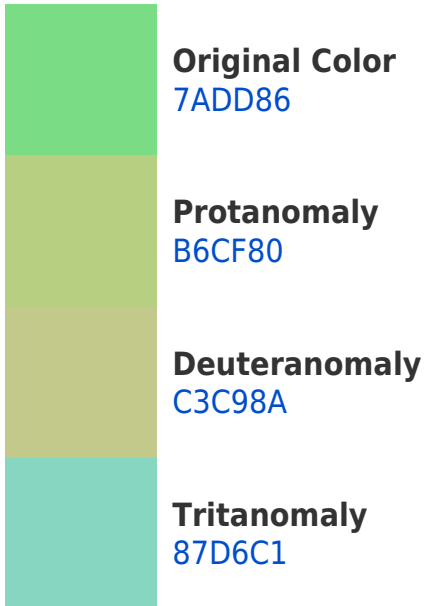
Dichromacy



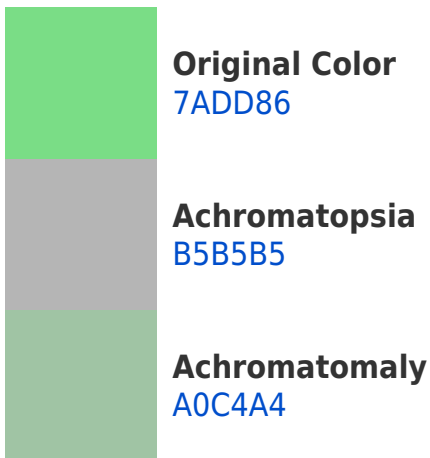


Tritanopia
8ED2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7ADD86 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 #7ADD86 looks like.

```
.text, #text, p{  
    color:#7ADD86  
}
```

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 #7ADD86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7ADD86
}
```

Border

The CSS property to change the border of an element to Hex 7ADD86 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
#7ADD86 }
```

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

```
.border{ border-color:#7ADD86 }
```

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

Here you see how a box with a 4 pixel #7ADD86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7ADD86; -webkit-box-shadow:4px 4px  
4px 4px #7ADD86; box-shadow:4px 4px 4px  
4px #7ADD86 }
```

Background

The CSS property to change the background color of an element to Hex 7ADD86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7ADD86 }
```

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

```
.background{ background-color:#7ADD86 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor