

Converting Colors

Hex(7AD9B5)

Have a look what the booklet for
Hex(7AD9B5) contains.

Hex(7AD9B5)	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(7AD9B5)

Conversions

Conversions Part 1

Format	Color
Hex	7AD9B5
RGB	122, 217, 181
RGB Percent	48%, 85%, 71%
CMY	0.5216, 0.1490, 0.2902
CMYK	0.44, 0.00, 0.17, 0.15
HSL	157°, 56%, 66%
HSV	157°, 44%, 85%
XYZ	41.1794, 57.0995, 52.5670
YIQ	184.4910, -45.0640, -31.3360

Conversions

Conversions Part 2

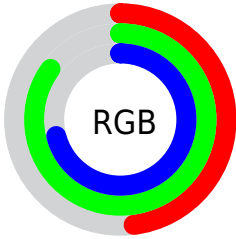
Format	Color
R _{YB}	122, 181, 217
Decimal	8051125
CIE Lab	80.24, -36.47, 9.03
CIE LCh	80, 37.567, 166.097
Yxy	57.0995, 0.2730, 0.3785
Android (android.graphics.Color)	4286241205 (0xFF7AD9B5)
YUV	184.4910, -1.7211, -54.8046
Hunter-Lab	75.5642, -34.9622, 11.6493

Details

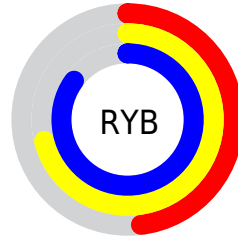
The Hex color **7AD9B5** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D97A9E**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **B3FFED**, and **41A280** is the 20% darker color. If you saturate the color by 10%, you get **64D9AD**, and if you desaturate by 10%, it is **90D9BD**.

Distribution



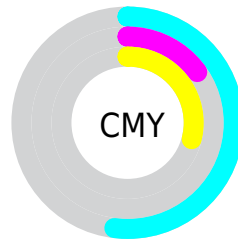
- Red (48%)
- Green (85%)
- Blue (71%)



- Red (48%)
- Yellow (71%)
- Blue (85%)



- Cyan (44%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)



- Cyan (52%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AD9B5 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 7AD9B5 by changing the saturation by 10% instead.

 7AD9B5

 7AD9B5

FFFFFF

 5EBD9A

 B3FFED

 41A280

 CFFFFFF

 218767

 EDFFFF

 006D4F

 005438

 003C23

 00270D

 000200

 000000

 7AD9B5

 7AD9B5

 64D9AD

 90D9BD

 4FD9A5

 A5D9C5

 39D99C

 BBD9CE

 23D994

 D1D9D6

 0ED98C

 E7D9DE

 00D987

 FCD9E6

 FFD9EF

 FFD9F7

 FFD9FF

Harmonies

Analogous

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



A4D495



7AD9B5



54DAD9

Triad

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



7AD9B5



B4C4FF



FFB496

Complementary

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



7AD9B5



D97A9E

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.



FFADB5



7AD9B5



E3B7F8

Square

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



7AD9B5



7DCFF



FFAED9



EEBF83

Rectangle

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



7AD9B5



4BD8EF



FFAED9



FFB19F

Sweetspot

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



7AD9B5



DEFFF2



9ED97A



6B8078



000000



808080

Same Dimension

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



7AD9B5



78FFCC



7ACED9



636E69



00AD6C



002E1D

Inverse Universe

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



D97A9E



FF78AB



D9857A



6E6367



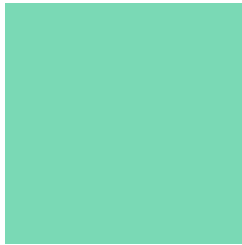
AD0042



2E0011

Previews

White Background



This preview shows how the Hex color 7AD9B5 looks on a white background.

Color Contrast Check

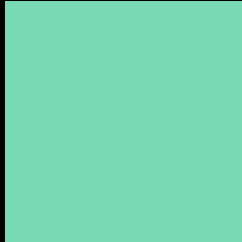
Large Text (above 18pt) WCAG AA × Fail

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 7AD9B5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

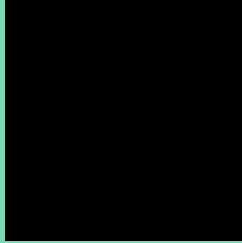
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

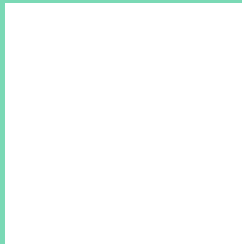
Any Text WCAG AAA ✓ Pass

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

Hex 7AD9B5 Background



This preview shows how black text looks on a background with the Hex color 7AD9B5.

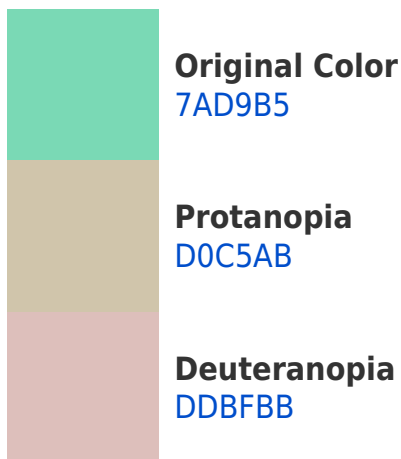


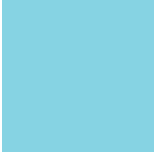
This preview shows how white text looks on a background with the Hex color 7AD9B5.

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
86D3E3

Trichromacy



Original Color
7AD9B5



Protanomaly
B1CCAF



Deuteranomaly
B9C8B9

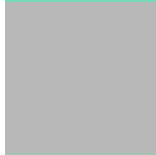


Tritanomaly
82D5D2

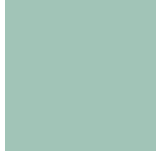
Monochromacy



Original Color
7AD9B5



Achromatopsia
B8B8B8



Achromatomaly
A1C4B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AD9B5 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 #7AD9B5 looks like.

```
.text, #text, p{  
    color:#7AD9B5  
}
```

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 #7AD9B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AD9B5
}
```

Border

The CSS property to change the border of an element to Hex 7AD9B5 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
#7AD9B5 }
```

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

```
.border{ border-color:#7AD9B5 }
```

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

Here you see how a box with a 4 pixel #7AD9B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AD9B5; -webkit-box-shadow:4px 4px  
4px 4px #7AD9B5; box-shadow:4px 4px 4px  
4px #7AD9B5 }
```

Background

The CSS property to change the background color of an element to Hex 7AD9B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AD9B5 }
```

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

```
.background{ background-color:#7AD9B5 }
```

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