

Converting Colors

Hex(7BDAD2)

Have a look what the booklet for
Hex(7BDAD2) contains.

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Color

Hex(7BDAD2)

Conversions

Conversions Part 1

Format	Color
Hex	7BDAD2
RGB	123, 218, 210
RGB Percent	48%, 85%, 82%
CMY	0.5176, 0.1451, 0.1765
CMYK	0.44, 0.00, 0.04, 0.15
HSL	175°, 56%, 67%
HSV	175°, 44%, 85%
XYZ	44.8726, 59.0069, 69.9972
YIQ	188.6830, -54.0520, -22.6280

Conversions

Conversions Part 2

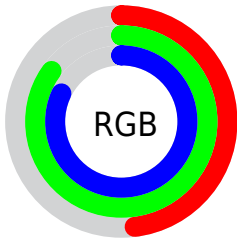
Format	Color
RYB	123, 173, 218
Decimal	8116946
CIELab	81.30, -30.05, -4.86
CIELCh	81, 30.437, 189.190
Yxy	59.0069, 0.2581, 0.3394
Android (android.graphics.Color)	4286307026 (0xFF7BDAD2)
YUV	188.6830, 10.5093, -57.6040
Hunter-Lab	76.8160, -30.1557, -0.2558

Details

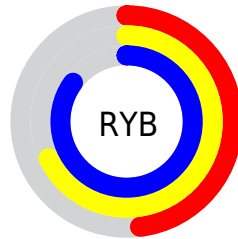
The Hex color **7BDAD2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DA7B83**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **B4FFFF**, and **41A39C** is the 20% darker color. If you saturate the color by 10%, you get **65DAD0**, and if you desaturate by 10%, it is **91DAD4**.

Distribution



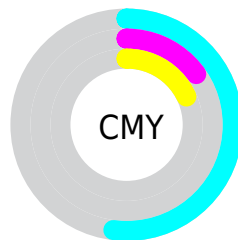
- Red (48%)
- Green (85%)
- Blue (82%)



- Red (48%)
- Yellow (68%)
- Blue (85%)



- Cyan (44%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (52%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BDAD2 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 7BDAD2 by changing the saturation by 10% instead.

 7BDAD2

 7BDAD2

FFFFFF

 5EBEB6

 B4FFFF

 41A39C

 D1FFFF

 1E8882

 EFFFFFF

 006E69

 005650

 003E3A

 002824

 000A0F

 000000

 7BDAD2

 7BDAD2

 65DAD0

 91DAD4

 4FDACE

 A7DAD6

 3ADACC

 BCDAD8

 24DACB

 D2DAD9

 0EDAC9

 E8DADB

 00DAC8

 FEDADD

 FFDADF

 FFDAE1

 FFDAE3

Harmonies

Analogous

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



95D8B5



7BDAD2



75D8ED

Triad

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



7BDAD2



D9C0F6



F0C195

Complementary

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



7BDAD2



DA7B83

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.



FFB9A7



7BDAD2



F6B8DF

Square

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



7BDAD2



B3CAFF



FFB5C2



D6CB92

Rectangle

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



7BDAD2



81D5FA



FFB5C2



F7BE9A

Sweetspot

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



7BDAD2



DEFFFC



85DA7B



6B807E



000000



808080

Same Dimension

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



7BDAD2



7AFFF4



7BB4DA



636E6D



00AD9F



002E2A

Inverse Universe

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



DA7B83



FF7A86



DAA17B



6E6364



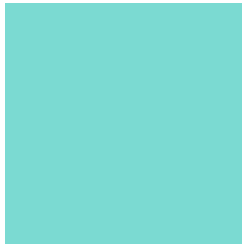
AD000F



2E0004

Previews

White Background



This preview shows how the Hex color 7BDAD2 looks on a white background.

Color Contrast Check

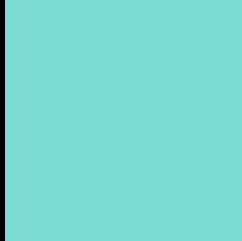
Large Text (above 18pt) WCAG AA × Fail

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 7BDAD2 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 7BDAD2 Background



This preview shows how black text looks on a background with the Hex color 7BDAD2.

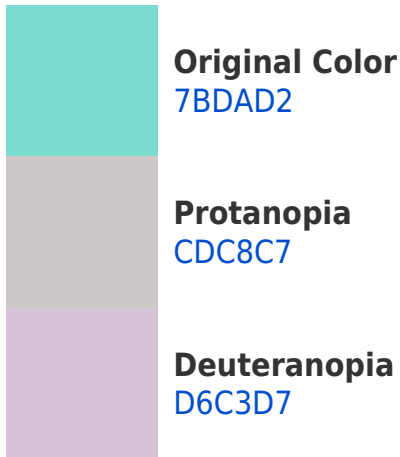


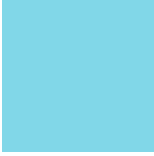
This preview shows how white text looks on a background with the Hex color 7BDAD2.

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
81D7E8

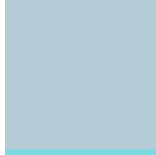
Trichromacy



Original Color
7BDAD2



Protanomaly
AFCFCB



Deuteranomaly
B5CBD5

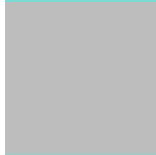


Tritanomaly
7FD8E0

Monochromacy



Original Color
7BDAD2



Achromatopsia
BDBDBD



Achromatomaly
A5C8C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BDAD2 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 #7BDAD2 looks like.

```
.text, #text, p{  
    color:#7BDAD2  
}
```

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 #7BDAD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BDAD2
}
```

Border

The CSS property to change the border of an element to Hex 7BDAD2 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
#7BDAD2 }
```

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

```
.border{ border-color:#7BDAD2 }
```

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

Here you see how a box with a 4 pixel #7BDAD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BDAD2; -webkit-box-shadow:4px 4px  
4px 4px #7BDAD2; box-shadow:4px 4px 4px  
4px #7BDAD2 }
```

Background

The CSS property to change the background color of an element to Hex 7BDAD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BDAD2 }
```

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

```
.background{ background-color:#7BDAD2 }
```

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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