

Converting Colors

Hex(7BDDDB7)

Have a look what the booklet for
Hex(7BDDB7) contains.

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Color

Hex(7BDDDB7)

Conversions

Conversions Part 1

Format	Color
Hex	7BDDDB7
RGB	123, 221, 183
RGB Percent	48%, 87%, 72%
CMY	0.5176, 0.1333, 0.2824
CMYK	0.44, 0.00, 0.17, 0.13
HSL	157°, 59%, 67%
HSV	157°, 44%, 87%
XYZ	42.5721, 59.3428, 54.0103
YIQ	187.3660, -46.2100, -32.5940

Conversions

Conversions Part 2

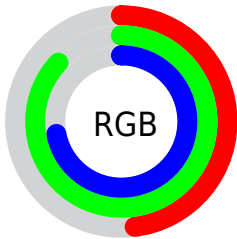
Format	Color
RYB	123, 184, 221
Decimal	8117687
CIELab	81.48, -37.61, 9.75
CIELCh	81, 38.854, 165.469
Yxy	59.3428, 0.2730, 0.3806
Android (android.graphics.Color)	4286307767 (0xFF7BDDDB7)
YUV	187.3660, -2.1524, -56.4490
Hunter-Lab	77.0342, -36.1640, 12.3546

Details

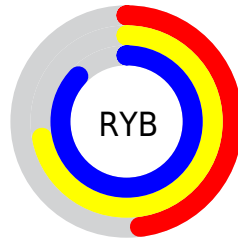
The Hex color **7BDDDB7** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DD7BA1**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **B4FFEF**, and **42A582** is the 20% darker color. If you saturate the color by 10%, you get **65DDAE**, and if you desaturate by 10%, it is **91DDC0**.

Distribution



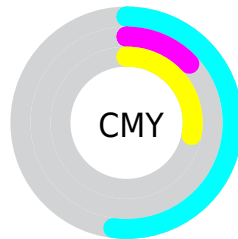
- Red (48%)
- Green (87%)
- Blue (72%)



- Red (48%)
- Yellow (72%)
- Blue (87%)



- Cyan (44%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)



- Cyan (52%)
- Magenta (13%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BDDB7 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 7BDDB7 by changing the saturation by 10% instead.

 7BDDB7

 7BDDB7

FFFFFF

 5FC19C

 B4FFEF

 42A582

 D1FFFF

 218B69

 EEEFFF

 007151

 00573A

 003F24

 00290F

 000A00

 000000

 7BDDB7

 7BDDB7

 65DDAE

 91DDC0

 4FDDA6

 A7DDC8

 39DD9D

 BDDDD1

 23DD95

 D3DDD9

 0CDD8C

 EADDE2

 00DD87

 FFDDEA

 FFDDF3

 FFDDFC

 FFDDFF

Harmonies

Analogous

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



A7D896



7BDDB7



52DEDD

Triad

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



7BDDB7



B6C7FF



FFB698

Complementary

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



7BDDB7



DD7BA1

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.



FFAFB9



7BDDB7



E7BAFE

Square

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



7BDDB7



7CD3FF



FFB1DE



F3C284

Rectangle

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



7BDDB7



47DDF3



FFB1DE



FFB3A2

Sweetspot

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



7BDDB7



DEFFF2



A2DD7B



6B8078



000000



808080

Same Dimension

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



7BDDB7



78FFCB



7BD3DD



636E69



00AD6A



002E1C

Inverse Universe

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



DD7BA1



FF78AC



DD857B



6E6367



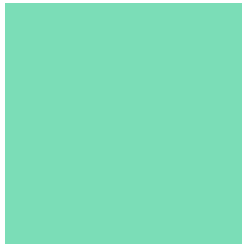
AD0043



2E0012

Previews

White Background



This preview shows how the Hex color 7BDDDB7 looks on a white background.

Color Contrast Check

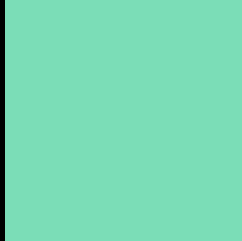
Large Text (above 18pt) WCAG AA × Fail

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 7BDDDB7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

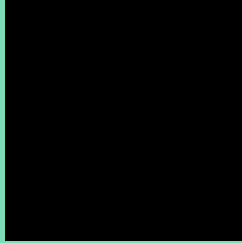
Any Text WCAG AA ✓ Pass

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 7BDDDB7 Background



This preview shows how black text looks on a background with the Hex color 7BDDDB7.

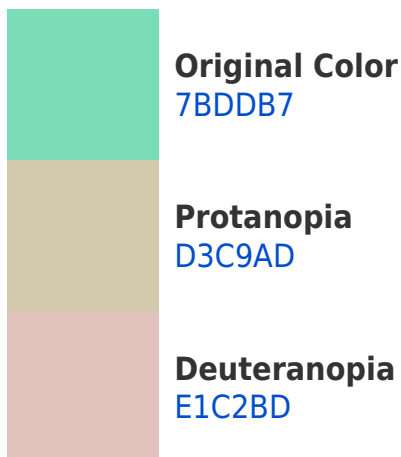


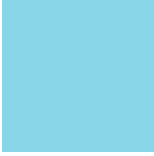
This preview shows how white text looks on a background with the Hex color 7BDDDB7.

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



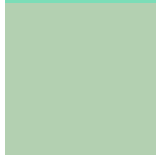


Tritanopia
88D6E8

Trichromacy



Original Color
7BDDB7



Protanomaly
B3D0B1



Deuteranomaly
BCCCBB



Tritanomaly
83D9D6

Monochromacy



Original Color
7BDDB7



Achromatopsia
BBBBBB



Achromatomaly
A4C7BA

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BDDDB7 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 #7BDDDB7 looks like.

```
.text, #text, p{  
    color:#7BDDDB7  
}
```

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 #7BDDDB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BDDDB7
}
```

Border

The CSS property to change the border of an element to Hex 7BDDDB7 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
#7BDDDB7 }
```

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

```
.border{ border-color:#7BDDDB7 }
```

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

Here you see how a box with a 4 pixel #7BDDDB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BDDDB7; -webkit-box-shadow:4px 4px  
4px 4px #7BDDDB7; box-shadow:4px 4px 4px  
4px #7BDDDB7 }
```

Background

The CSS property to change the background color of an element to Hex 7BDDDB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BDDDB7 }
```

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

```
.background{ background-color:#7BDDDB7 }
```

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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