

Converting Colors

Hex(7FDDB0)

Have a look what the booklet for
Hex(7FDBB0) contains.

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Color

Hex(7FDBB0)

Conversions

Conversions Part 1

Format	Color
Hex	7FDBB0
RGB	127, 219, 176
RGB Percent	50%, 86%, 69%
CMY	0.5020, 0.1412, 0.3098
CMYK	0.42, 0.00, 0.20, 0.14
HSL	152°, 56%, 68%
HSV	152°, 42%, 86%
XYZ	41.9204, 58.3097, 50.1197
YIQ	186.5900, -41.0290, -32.8770

Conversions

Conversions Part 2

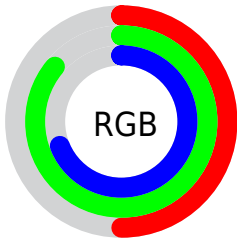
Format	Color
RYB	127, 187, 219
Decimal	8379312
CIELab	80.91, -37.12, 12.66
CIElCh	81, 39.222, 161.163
Yxy	58.3097, 0.2788, 0.3878
Android (android.graphics.Color)	4286569392 (0xFF7FDBB0)
YUV	186.5900, -5.2209, -52.2604
Hunter-Lab	76.3608, -35.6387, 14.5373

Details

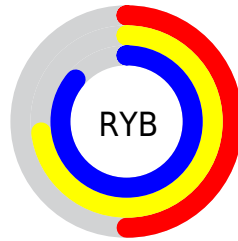
The Hex color **7FDBB0** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DB7FAA**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **B7FFE8**, and **47A37B** is the 20% darker color. If you saturate the color by 10%, you get **69DBA6**, and if you desaturate by 10%, it is **95DBBA**.

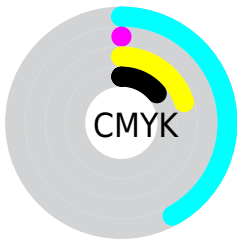
Distribution



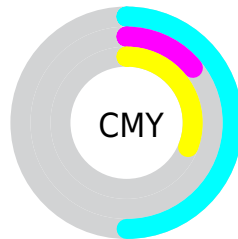
- Red (50%)
- Green (86%)
- Blue (69%)



- Red (50%)
- Yellow (73%)
- Blue (86%)



- Cyan (42%)
- Magenta (0%)
- Yellow (20%)
- Black (14%)



- Cyan (50%)
- Magenta (14%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FDBB0 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 7FDBB0 by changing the saturation by 10% instead.

 7FDBB0

 7FDBB0

FFFFFF

 63BF95

 B7FFE8

 47A37B

 D4FFFF

 298962


 F1FFFF

 006F4B

 005634

 003E1E

 002807

 000600

 000000

 7FDBB0

 7FDBB0

 69DBA6

 95DBBA

 53DB9C

 ABDBC4

 3DDB91

 C1DBC4

 27DB87

 D7DBD9

 12DB7D

 ECDBE3

 00DB75

 FFDBED

 FFDBF8

 FFDBFF

Harmonies

Analogous

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



ACD590



7FDBB0



53DDD6

Triad

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



7FDBB0



ACC8FF



FFB39A

Complementary

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



7FDBB0



DB7FAA

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.



FFADBC



7FDBB0



DFBAFF

Square

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



7FDBB0



70D3FF



FFB0E1



F6BF84

Rectangle

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



7FDBB0



42DCEE



FFB0E1



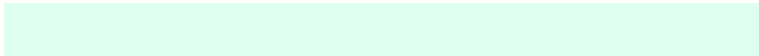
FFB0A5

Sweetspot

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



7FDBB0



DEFFF0



ABDB7F



6B8076



000000



808080

Same Dimension

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



7FDDB0



80FFC3



7FD9DB



636E69



00AD5C



002E18

Inverse Universe

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



DB7FAA



FF80BB



DB817F



6E6368



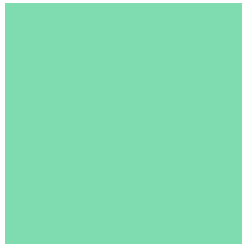
AD0051



2E0015

Previews

White Background



This preview shows how the Hex color 7FDBB0 looks on a white background.

Color Contrast Check

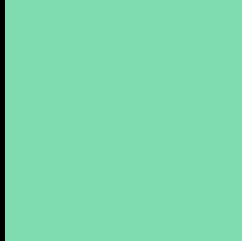
Large Text (above 18pt) WCAG AA × Fail

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 7FDBB0 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 7FDBB0 Background



This preview shows how black text looks on a background with the Hex color 7FDBB0.

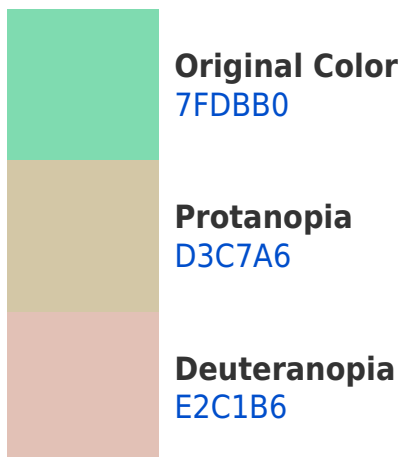


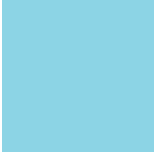
This preview shows how white text looks on a background with the Hex color 7FDBB0.

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



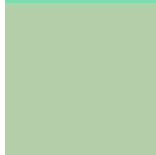


Tritanopia
8CD4E5

Trichromacy



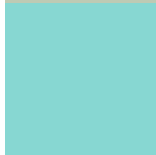
Original Color
7FDDB0



Protanomaly
B4CEAA



Deuteranomaly
BECAB4



Tritanomaly
87D7D2

Monochromacy



Original Color
7FDDB0



Achromatopsia
BBBBBB



Achromatomaly
A5C7B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FDBB0 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 #7FDBB0 looks like.

```
.text, #text, p{  
    color:#7FDBB0  
}
```

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 #7FDBB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FDBB0
}
```

Border

The CSS property to change the border of an element to Hex 7FDBB0 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
#7FDBB0 }
```

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

```
.border{ border-color:#7FDBB0 }
```

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

Here you see how a box with a 4 pixel #7FDBB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FDBB0; -webkit-box-shadow:4px 4px  
4px 4px #7FDBB0; box-shadow:4px 4px 4px  
4px #7FDBB0 }
```

Background

The CSS property to change the background color of an element to Hex 7FDBB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FDBB0 }
```

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

```
.background{ background-color:#7FDBB0 }
```

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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