

Converting Colors

Hex(7BDCD6)

Have a look what the booklet for
Hex(7BDCD6) contains.

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Color

Hex(7BDCD6)

Conversions

Conversions Part 1

Format	Color
Hex	7BDCD6
RGB	123, 220, 214
RGB Percent	48%, 86%, 84%
CMY	0.5176, 0.1373, 0.1608
CMYK	0.44, 0.00, 0.03, 0.14
HSL	176°, 58%, 67%
HSV	176°, 44%, 86%
XYZ	45.8992, 60.2524, 72.8291
YIQ	190.3130, -55.8860, -22.4300

Conversions

Conversions Part 2

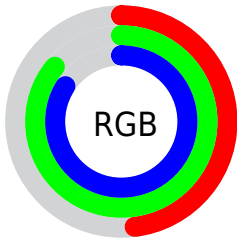
Format	Color
RYB	123, 173, 220
Decimal	8117462
CIELab	81.98, -30.03, -5.99
CIElCh	82, 30.621, 191.273
Yxy	60.2524, 0.2564, 0.3366
Android (android.graphics.Color)	4286307542 (0xFF7BDCD6)
YUV	190.3130, 11.6777, -59.0335
Hunter-Lab	77.6224, -30.2898, -1.2930

Details

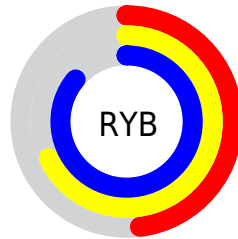
The Hex color **7BDCD6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DC7B81**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B4FFFF**, and **40A59F** is the 20% darker color. If you saturate the color by 10%, you get **65DCD5**, and if you desaturate by 10%, it is **91DCD7**.

Distribution



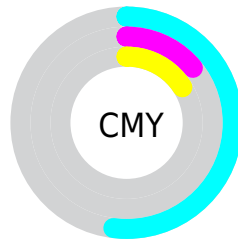
- Red (48%)
- Green (86%)
- Blue (84%)



- Red (48%)
- Yellow (68%)
- Blue (86%)



- Cyan (44%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)



- Cyan (52%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BDCD6 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 7BDCD6 by changing the saturation by 10% instead.

 7BDCD6

 7BDCD6

FFFFFF

 5EC0BA

 B4FFFF

 40A59F

 D2FFFF

 1C8A85

 EFFFFFF

 00706C

 005754

 003F3D

 002927

 000E13

 000000

 7BDCD6

 7BDCD6

 65DCD5

 91DCD7

 4FDCD3

 A7DCD9

 39DCD2

 BDDCDA

 23DCD1

 D3DCDB

 0DDCCF

 E9DCDD

 00DCCE

 FFDCDE

 FFDC E0

 FFDC E1

 FFDC E2

Harmonies

Analogous

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



95DAB8



7BDCD6



77DAF1

Triad

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



7BDCD6



DEC1F7



F1C496

Complementary

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



7BDCD6



DC7B81

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.



FFBBA7



7BDCD6



F9B9DF

Square

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



7BDCD6



B7CBFF



FFB7C2



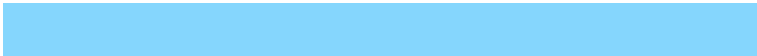
D6CD93

Rectangle

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



7BDCD6



85D6FD



FFB7C2



F8C19A

Sweetspot

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



7BDCD6



DEFFFD



81DC7B



6B807E



000000



808080

Same Dimension

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



7BDCD6



78FFF7



7BB2DC



636E6D



00ADA3



002E2B

Inverse Universe

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



DC7B81



FF7880



DCA57B



6E6363



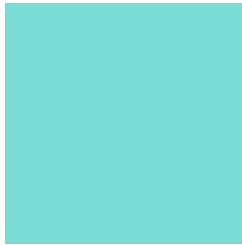
AD000B



2E0003

Previews

White Background



This preview shows how the Hex color 7BDCD6 looks on a white background.

Color Contrast Check

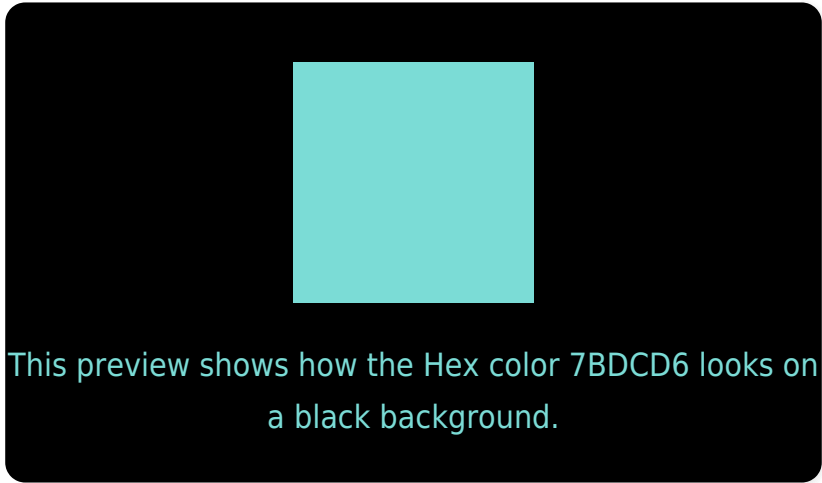
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

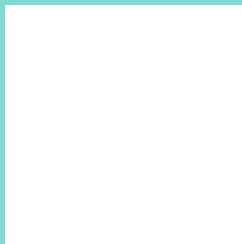
Any Text WCAG AAA ✓ Pass

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

Hex 7BDCD6 Background



This preview shows how black text looks on a background with the Hex color 7BDCD6.

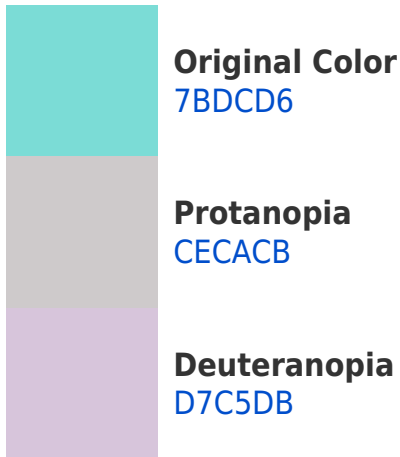


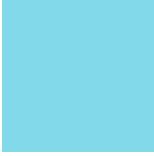
This preview shows how white text looks on a background with the Hex color 7BDCD6.

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



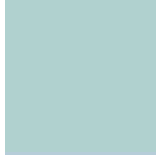


Tritanopia
81D9EA

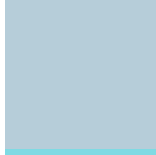
Trichromacy



Original Color
7BDCD6



Protanomaly
B0D1CF



Deuteranomaly
B6CDD9

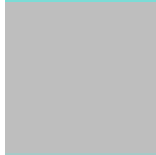


Tritanomaly
7FDAE3

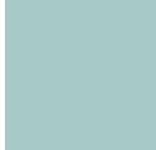
Monochromacy



Original Color
7BDCD6



Achromatopsia
BEBEBE



Achromatomaly
A6C9C7

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BDCD6 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 #7BDCD6 looks like.

```
.text, #text, p{  
    color:#7BDCD6  
}
```

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 #7BDCD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BDCD6  
}
```

Border

The CSS property to change the border of an element to Hex 7BDCD6 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  
#7BDCD6 }
```

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

```
.border{ border-color:#7BDCD6 }
```

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

Here you see how a box with a 4 pixel #7BDCD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BDCD6; -webkit-box-shadow:4px 4px  
4px 4px #7BDCD6; box-shadow:4px 4px 4px  
4px #7BDCD6 }
```

Background

The CSS property to change the background color of an element to Hex 7BDCD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BDCD6 }
```

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

```
.background{ background-color:#7BDCD6 }
```

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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