

Converting Colors

Hex(7BD6BE)

Have a look what the booklet for
Hex(7BD6BE) contains.

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Color

Hex(7BD6BE)

Conversions

Conversions Part 1

Format	Color
Hex	7BD6BE
RGB	123, 214, 190
RGB Percent	48%, 84%, 75%
CMY	0.5176, 0.1608, 0.2549
CMYK	0.43, 0.00, 0.11, 0.16
HSL	164°, 53%, 66%
HSV	164°, 43%, 84%
XYZ	41.5092, 56.0218, 57.3407
YIQ	184.0550, -46.5320, -26.7560

Conversions

Conversions Part 2

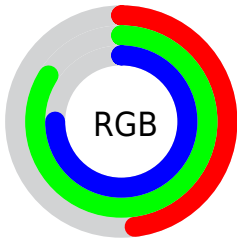
Format	Color
RYB	123, 175, 214
Decimal	8115902
CIELab	79.63, -32.83, 3.36
CIELCh	80, 33.005, 174.151
Yxy	56.0218, 0.2680, 0.3617
Android (android.graphics.Color)	4286305982 (0xFF7BD6BE)
YUV	184.0550, 2.9309, -53.5452
Hunter-Lab	74.8477, -31.9906, 6.9714

Details

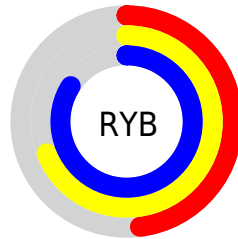
The Hex color **7BD6BE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D67B93**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B3FFF6**, and **439F89** is the 20% darker color. If you saturate the color by 10%, you get **66D6B8**, and if you desaturate by 10%, it is **90D6C4**.

Distribution



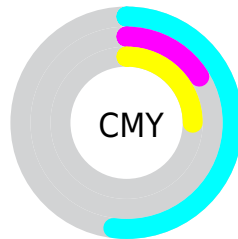
- Red (48%)
- Green (84%)
- Blue (75%)



- Red (48%)
- Yellow (69%)
- Blue (84%)



- Cyan (43%)
- Magenta (0%)
- Yellow (11%)
- Black (16%)



- Cyan (52%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BD6BE 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 7BD6BE by changing the saturation by 10% instead.

 7BD6BE

 7BD6BE

FFFFFF

 5FBAA3

 B3FFF6

 439F89

 D0FFFF

 23846F

 EEEFFF

 006B57

 005240

 003A2A

 002515

 000000

 7BD6BE

 7BD6BE

 66D6B8

 90D6C4

 50D6B3

 A6D6C9

 3BD6AD

 BBD6CF

 25D6A7

 D1D6D5

 10D6A2

 E6D6DA

 00D69E

 FBD6E0

 FFD6E6

 FFD6EB

 FFD6F1

Harmonies

Analogous

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



9ED2A0



7BD6BE



64D6DD

Triad

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



7BD6BE



C2C0FD



F8B795

Complementary

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



7BD6BE



D67B93

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.



FFB0AE



7BD6BE



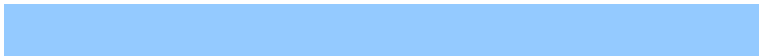
E7B5EA

Square

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



7BD6BE



94CAFF



FEAFCD



E1C188

Rectangle

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



7BD6BE



66D4EF



FEAFCD



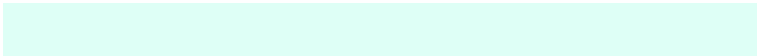
FDB49C

Sweetspot

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



7BD6BE



DEFFF6



93D67B



6B807A



000000



808080

Same Dimension

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



7BD6BE



7DFFDD



7BC1D6



606B68



00AB7E



002B20

Inverse Universe

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



D67B93



FF7D9F



D6907B



6B6063



AB002D



2B000B

Previews

White Background



This preview shows how the Hex color 7BD6BE looks on a white background.

Color Contrast Check

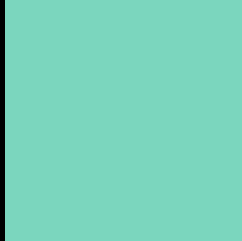
Large Text (above 18pt) WCAG AA × Fail

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 7BD6BE 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 7BD6BE Background



This preview shows how black text looks on a background with the Hex color 7BD6BE.



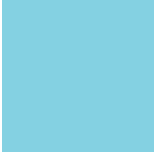
This preview shows how white text looks on a background with the Hex color 7BD6BE.

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
84D1E2

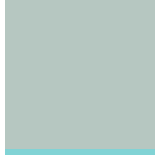
Trichromacy



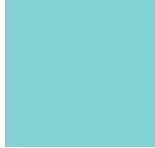
Original Color
7BD6BE



Protanomaly
AFCBB8



Deuteranomaly
B6C7C1

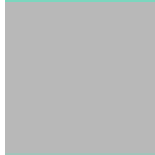


Tritanomaly
81D3D5

Monochromacy



Original Color
7BD6BE



Achromatopsia
B8B8B8



Achromatomaly
A2C3BA

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BD6BE 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 #7BD6BE looks like.

```
.text, #text, p{  
    color:#7BD6BE  
}
```

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 #7BD6BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BD6BE
}
```

Border

The CSS property to change the border of an element to Hex 7BD6BE 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
#7BD6BE }
```

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

```
.border{ border-color:#7BD6BE }
```

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

Here you see how a box with a 4 pixel #7BD6BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BD6BE; -webkit-box-shadow:4px 4px  
4px 4px #7BD6BE; box-shadow:4px 4px 4px  
4px #7BD6BE }
```

Background

The CSS property to change the background color of an element to Hex 7BD6BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BD6BE }
```

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

```
.background{ background-color:#7BD6BE }
```

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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