

Converting Colors

Hex(7BD4DE)

Have a look what the booklet for
Hex(7BD4DE) contains.

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Color

Hex(7BD4DE)

Conversions

Conversions Part 1

Format	Color
Hex	7BD4DE
RGB	123, 212, 222
RGB Percent	48%, 83%, 87%
CMY	0.5176, 0.1686, 0.1294
CMYK	0.45, 0.05, 0.00, 0.13
HSL	186°, 60%, 68%
HSV	186°, 45%, 87%
XYZ	44.8967, 56.5718, 77.6604
YIQ	186.5290, -56.2540, -15.7580

Conversions

Conversions Part 2

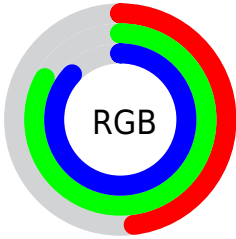
Format	Color
RYB	123, 170, 222
Decimal	8115422
CIELab	79.94, -24.13, -13.28
CIELCh	80, 27.542, 208.835
Yxy	56.5718, 0.2506, 0.3158
Android (android.graphics.Color)	4286305502 (0xFF7BD4DE)
YUV	186.5290, 17.4872, -55.7149
Hunter-Lab	75.2143, -25.0752, -8.5683

Details

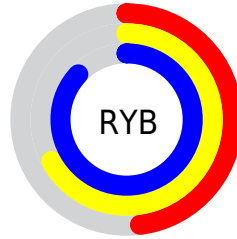
The Hex color **7BD4DE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DE857B**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B4FFFF**, and **409DA7** is the 20% darker color. If you saturate the color by 10%, you get **65D2DE**, and if you desaturate by 10%, it is **91D6DE**.

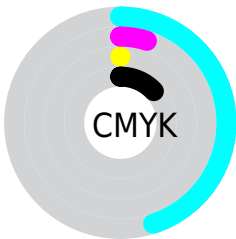
Distribution



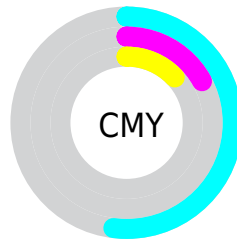
- Red (48%)
- Green (83%)
- Blue (87%)



- Red (48%)
- Yellow (67%)
- Blue (87%)



- Cyan (45%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (52%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BD4DE 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 7BD4DE by changing the saturation by 10% instead.

 7BD4DE

 7BD4DE

FFFFFF

 5EB8C2

 B4FFFF

 409DA7

 D2FFFF

 1D838D

 EFFFFFF

 006973

 00515A

 003A43

 00242D

 000119

 000000

 7BD4DE

 7BD4DE

 65D2DE

 91D6DE

 4FD0DE

 A7D8DE

 38CDDE

 BEDBDE

 22CBDE

 D4DDDE

 0CC9DE

 EADFDE

 00C8DE

 FFE1DE

 FFE4DE

 FFE6DE

 FFE8DE

Harmonies

Analogous

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



87D5C4



7BD4DE



87D0F1

Triad

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



7BD4DE



E6B8E1



DAC493

Complementary

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



7BD4DE



DE857B

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.



EFBC9B



7BD4DE



F7B4C8

Square

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



7BD4DE



C9C0F3



FAB5AF



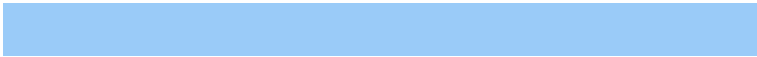
BFCC99

Rectangle

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



7BD4DE



9ACBF8



FAB5AF



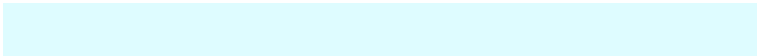
E2C194

Sweetspot

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



7BD4DE



DEFCFF



7BDE85



6B7D80



000000



808080

Same Dimension

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



7BD4DE



75F1FF



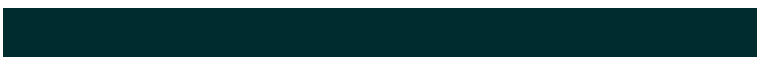
7BA3DE



656F70



009EB0



002C30

Inverse Universe

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



DE7BD4



FF75F1



DEB67B



70656F



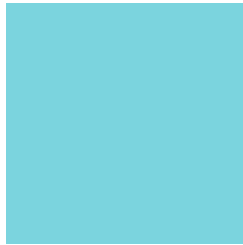
B0009E



30002C

Previews

White Background



This preview shows how the Hex color 7BD4DE looks on a white background.

Color Contrast Check

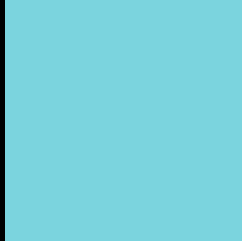
Large Text (above 18pt) WCAG AA × Fail

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 7BD4DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

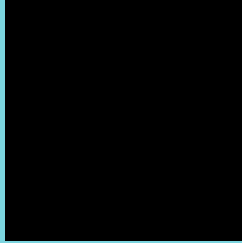
Any Text WCAG AA ✓ Pass

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 7BD4DE Background



This preview shows how black text looks on a background with the Hex color 7BD4DE.

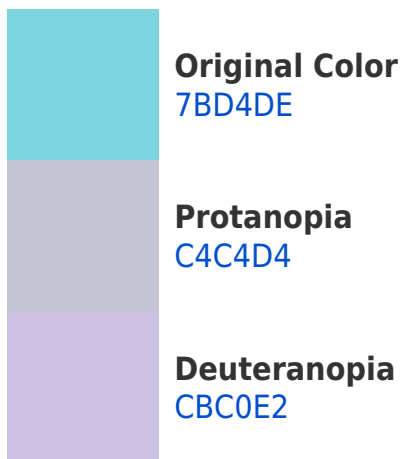


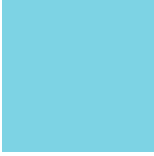
This preview shows how white text looks on a background with the Hex color 7BD4DE.

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](#).

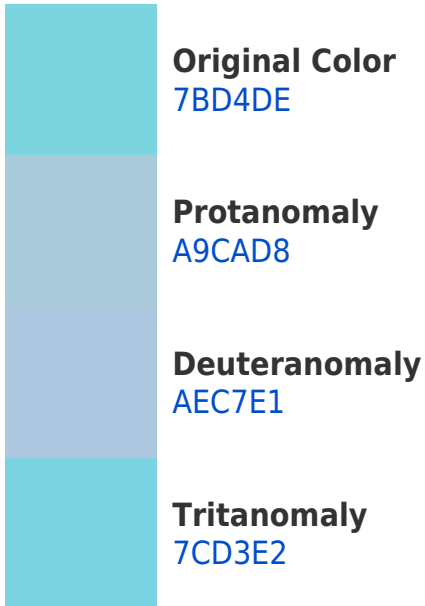
Dichromacy



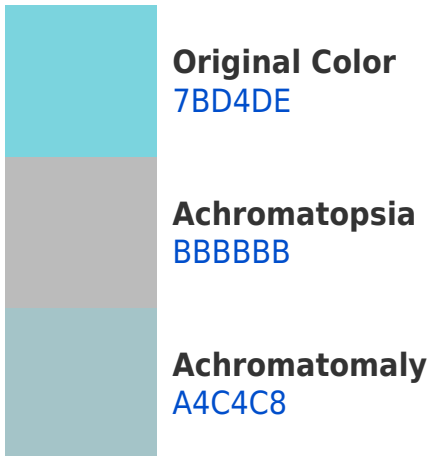


Tritanopia
7DD3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BD4DE 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 #7BD4DE looks like.

```
.text, #text, p{  
  color:#7BD4DE  
}
```

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 #7BD4DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BD4DE
}
```

Border

The CSS property to change the border of an element to Hex 7BD4DE 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
#7BD4DE }
```

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

```
.border{ border-color:#7BD4DE }
```

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

Here you see how a box with a 4 pixel #7BD4DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BD4DE; -webkit-box-shadow:4px 4px  
4px 4px #7BD4DE; box-shadow:4px 4px 4px  
4px #7BD4DE }
```

Background

The CSS property to change the background color of an element to Hex 7BD4DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BD4DE }
```

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

```
.background{ background-color:#7BD4DE }
```

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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