

Converting Colors

Hex(7BD2D3)

Have a look what the booklet for
Hex(7BD2D3) contains.

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Color

Hex(7BD2D3)

Conversions

Conversions Part 1

Format	Color
Hex	7BD2D3
RGB	123, 210, 211
RGB Percent	48%, 82%, 83%
CMY	0.5176, 0.1765, 0.1725
CMYK	0.42, 0.00, 0.00, 0.17
HSL	181°, 50%, 65%
HSV	181°, 42%, 83%
XYZ	42.9728, 55.0073, 69.9806
YIQ	184.1010, -52.1730, -18.1330

Conversions

Conversions Part 2

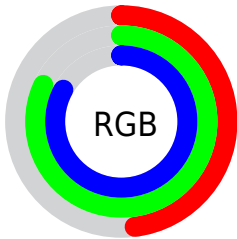
Format	Color
RYB	123, 167, 211
Decimal	8114899
CIELab	79.05, -25.92, -8.73
CIElCh	79, 27.352, 198.605
Yxy	55.0073, 0.2559, 0.3275
Android (android.graphics.Color)	4286304979 (0xFF7BD2D3)
YUV	184.1010, 13.2612, -53.5856
Hunter-Lab	74.1669, -26.3679, -4.0266

Details

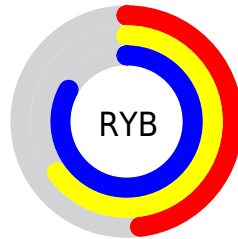
The Hex color **7BD2D3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D37C7B**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B4FFFF**, and **429B9D** is the 20% darker color. If you saturate the color by 10%, you get **66D2D3**, and if you desaturate by 10%, it is **90D2D3**.

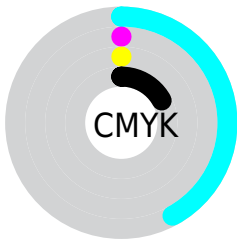
Distribution



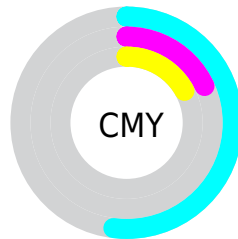
- Red (48%)
- Green (82%)
- Blue (83%)



- Red (48%)
- Yellow (65%)
- Blue (83%)



- Cyan (42%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (52%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BD2D3 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 7BD2D3 by changing the saturation by 10% instead.

 7BD2D3

 7BD2D3

FFFFFF

 5FB6B7

 B4FFFF


 429B9D

 D1FFFF

 218182

 EEEFFF

 006869

 004F51

 00383A

 002325

 000110

 000000

 7BD2D3

 7BD2D3

 66D2D3

 90D2D3

 51D2D3

 A5D2D3

 3CD1D3

 BAD3D3

 27D1D3

 CFD3D3

 12D1D3

 E4D3D3

 00D1D3

 FAD3D3

 FFD4D3

Harmonies

Analogous

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



8DD1B9



7BD2D3



7ECFE9

Triad

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



7BD2D3



DBB8E6



E0BF92

Complementary

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



7BD2D3



D37C7B

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.



F1B79F



7BD2D3



F0B2CF

Square

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



7BD2D3



BBC1F4



F8B2B5



C6C793

Rectangle

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



7BD2D3



8DCBF2



F8B2B5



E7BC95

Sweetspot

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



7BD2D3



DEFFFF



7BD37B



6B7F80



000000



808080

Same Dimension

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



7BD2D3



80FEFF



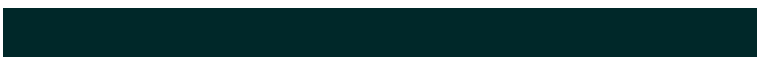
7BA7D3



5E6869



00A6A8



002829

Inverse Universe

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



D37BD2



FF80FE



D3A77B



695E68



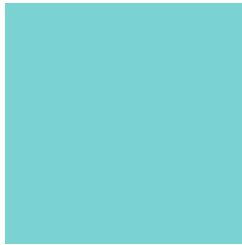
A800A6



290028

Previews

White Background



This preview shows how the Hex color 7BD2D3 looks on a white background.

Color Contrast Check

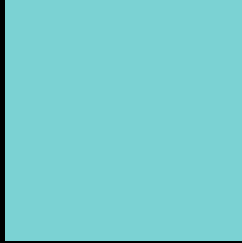
Large Text (above 18pt) WCAG AA × Fail

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 7BD2D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

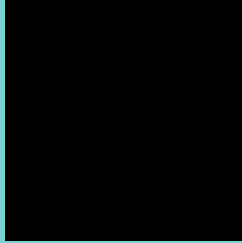
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

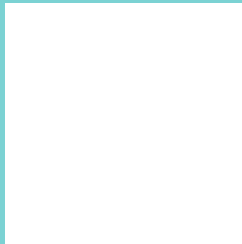
Any Text WCAG AAA ✓ Pass

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

Hex 7BD2D3 Background



This preview shows how black text looks on a background with the Hex color 7BD2D3.

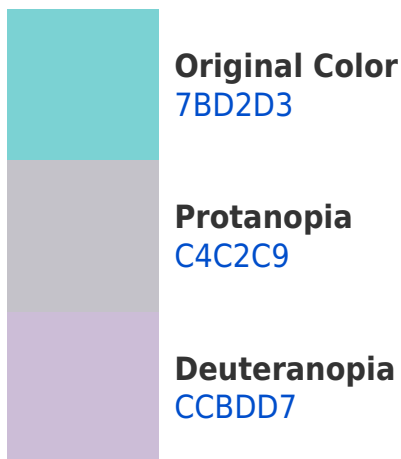


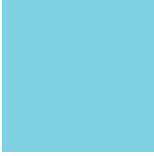
This preview shows how white text looks on a background with the Hex color 7BD2D3.

Color Blindness Simulation

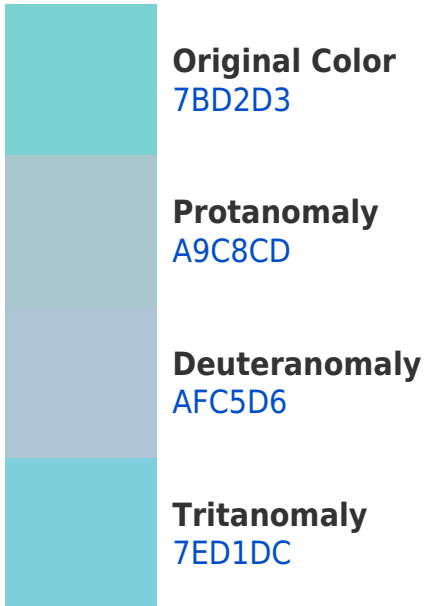
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BD2D3 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 #7BD2D3 looks like.

```
.text, #text, p{  
    color:#7BD2D3  
}
```

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 #7BD2D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BD2D3
}
```

Border

The CSS property to change the border of an element to Hex 7BD2D3 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
#7BD2D3 }
```

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

```
.border{ border-color:#7BD2D3 }
```

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

Here you see how a box with a 4 pixel #7BD2D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BD2D3; -webkit-box-shadow:4px 4px  
4px 4px #7BD2D3; box-shadow:4px 4px 4px  
4px #7BD2D3 }
```

Background

The CSS property to change the background color of an element to Hex 7BD2D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BD2D3 }
```

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

```
.background{ background-color:#7BD2D3 }
```

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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