

Converting Colors

Hex(7BD5D7)

Have a look what the booklet for
Hex(7BD5D7) contains.

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Color

Hex(7BD5D7)

Conversions

Conversions Part 1

Format	Color
Hex	7BD5D7
RGB	123, 213, 215
RGB Percent	48%, 84%, 84%
CMY	0.5176, 0.1647, 0.1569
CMYK	0.43, 0.01, 0.00, 0.16
HSL	181°, 53%, 66%
HSV	181°, 43%, 84%
XYZ	44.2284, 56.7057, 72.9042
YIQ	186.3180, -54.2820, -18.4580

Conversions

Conversions Part 2

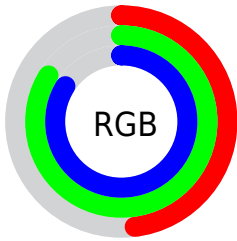
Format	Color
RYB	123, 168, 215
Decimal	8115671
CIELab	80.01, -26.40, -9.43
CIELCh	80, 28.028, 199.656
Yxy	56.7057, 0.2544, 0.3262
Android (android.graphics.Color)	4286305751 (0xFF7BD5D7)
YUV	186.3180, 14.1402, -55.5299
Hunter-Lab	75.3032, -26.9410, -4.6889

Details

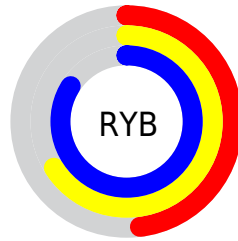
The Hex color **7BD5D7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D77D7B**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B4FFFF**, and **419EA0** is the 20% darker color. If you saturate the color by 10%, you get **66D5D7**, and if you desaturate by 10%, it is **91D5D7**.

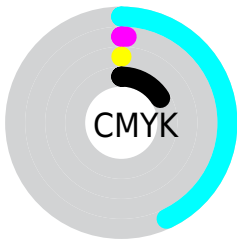
Distribution



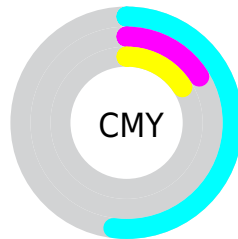
- Red (48%)
- Green (84%)
- Blue (84%)



- Red (48%)
- Yellow (66%)
- Blue (84%)



- Cyan (43%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 7BD5D7 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 7BD5D7 by changing the saturation by 10% instead.

 7BD5D7

 7BD5D7

FFFFFF

 5FB9BB

 B4FFFF

 419EA0

 D1FFFF

 1F8486

 EFFFFFF

 006A6D

 005255

 003A3E

 002528

 000114

 000000

 7BD5D7

 7BD5D7

 66D5D7

 91D5D7

 50D4D7

 A6D6D7

 3BD4D7

 BCD6D7

 25D3D7

 D1D7D7

 10D3D7

 E7D7D7

 00D2D7

 FCD8D7

 FFD8D7

 FFD9D7

Harmonies

Analogous

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



8DD5BC



7BD5D7



7FD2ED

Triad

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



7BD5D7



DFBAE8



E2C293

Complementary

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



7BD5D7



D77D7B

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.



F5B9A0



7BD5D7



F5B4D1

Square

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



7BD5D7



BEC3F7



FCB4B6



C8CA95

Rectangle

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



7BD5D7



8FCEF7



FCB4B6



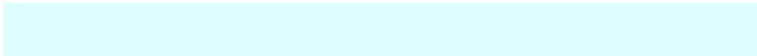
E9BF96

Sweetspot

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



7BD5D7



DEFEFF



7BD77D



6B7F80



000000



808080

Same Dimension

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



7BD5D7



7DFCFE



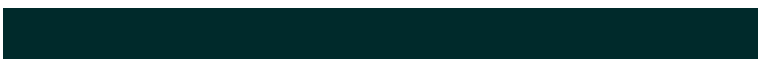
7BA7D7



606B6B



00A7AB



002A2B

Inverse Universe

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



D77BD5



FF7DFC



D7AB7B



6B606B



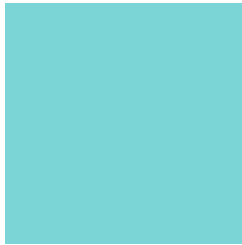
AB00A7



2B002A

Previews

White Background



This preview shows how the Hex color 7BD5D7 looks on a white background.

Color Contrast Check

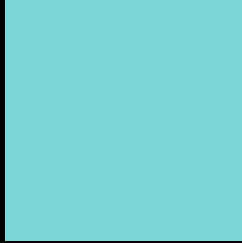
Large Text (above 18pt) WCAG AA × Fail

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 7BD5D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

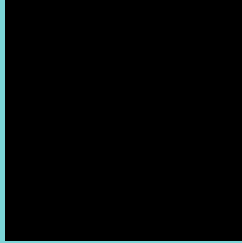
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

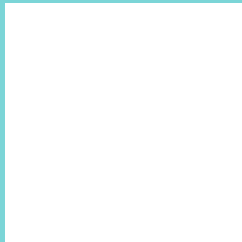
Any Text WCAG AAA ✓ Pass

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

Hex 7BD5D7 Background



This preview shows how black text looks on a background with the Hex color 7BD5D7.

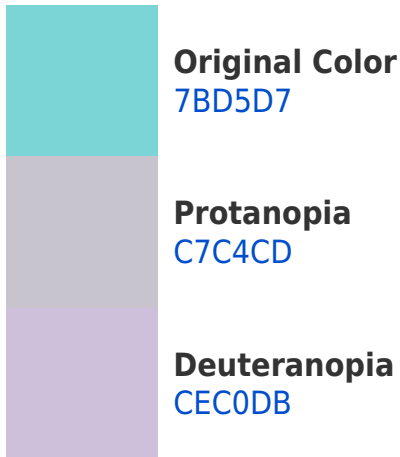


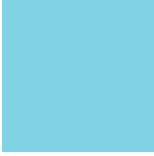
This preview shows how white text looks on a background with the Hex color 7BD5D7.

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
7FD3E4

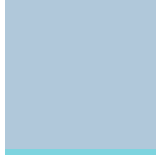
Trichromacy



Original Color
7BD5D7



Protanomaly
ABCAD1



Deuteranomaly
B0C8DA

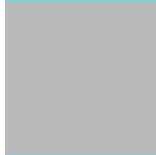


Tritanomaly
7ED4DF

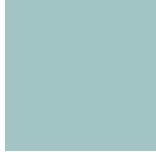
Monochromacy



Original Color
7BD5D7



Achromatopsia
BABABA



Achromatomaly
A3C4C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BD5D7 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 #7BD5D7 looks like.

```
.text, #text, p{  
    color:#7BD5D7  
}
```

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 #7BD5D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BD5D7
}
```

Border

The CSS property to change the border of an element to Hex 7BD5D7 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
#7BD5D7 }
```

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

```
.border{ border-color:#7BD5D7 }
```

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

Here you see how a box with a 4 pixel #7BD5D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BD5D7; -webkit-box-shadow:4px 4px  
4px 4px #7BD5D7; box-shadow:4px 4px 4px  
4px #7BD5D7 }
```

Background

The CSS property to change the background color of an element to Hex 7BD5D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BD5D7 }
```

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

```
.background{ background-color:#7BD5D7 }
```

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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