

# Converting Colors

Hex(7BE5DC)

Have a look what the booklet for  
Hex(7BE5DC) contains.

<b>Hex(7BE5DC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7BE5DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BE5DC
RGB	123, 229, 220
RGB Percent	48%, 90%, 86%
CMY	0.5176, 0.1020, 0.1373
CMYK	0.46, 0.00, 0.04, 0.10
HSL	175°, 67%, 69%
HSV	175°, 46%, 90%
XYZ	49.1060, 65.4169, 77.7487
YIQ	196.2800, -60.2870, -25.2710

# Conversions

## Conversions Part 2

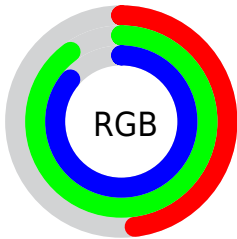
Format	Color
<a href="#">RYB</a>	<a href="#">123, 178, 229</a>
Decimal	<a href="#">8119772</a>
CIELab	<a href="#">84.70, -32.84, -5.14</a>
CIELCh	<a href="#">85, 33.237, 188.904</a>
Yxy	<a href="#">65.4169, 0.2554, 0.3402</a>
Android (android.graphics.Color)	<a href="#">4286309852</a> ( <a href="#">0xFF7BE5DC</a> )
YUV	<a href="#">196.2800, 11.6940, -64.2666</a>
Hunter-Lab	<a href="#">80.8807, -33.1666, -0.3776</a>

# Details

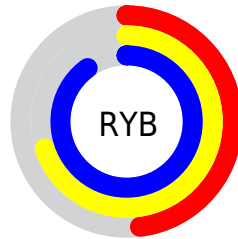
The Hex color **7BE5DC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E57B84**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **B5FFFF**, and **3EADA5** is the 20% darker color. If you saturate the color by 10%, you get **64E5DA**, and if you desaturate by 10%, it is **92E5DE**.

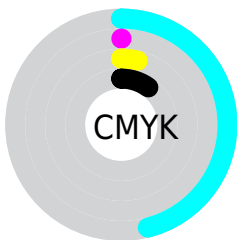
# Distribution



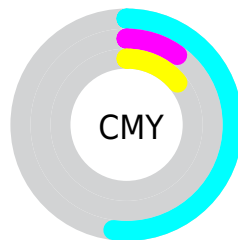
- Red (48%)
- Green (90%)
- Blue (86%)



- Red (48%)
- Yellow (70%)
- Blue (90%)



- Cyan (46%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)



- Cyan (52%)
- Magenta (10%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BE5DC 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 7BE5DC by changing the saturation by 10% instead.



 7BE5DC

 7BE5DC

FFFFFF

 5EC9C0

 B5FFFF

 3EADA5

 D3FFFF

 16928B

 F1FFFF

 007871

 005F59

 004642

 002F2C

 001A17

 000000

 7BE5DC

 7BE5DC

 64E5DA

 92E5DE

 4DE5D8

 A9E5E0

 36E5D6

 C0E5E2

 1FE5D4

 D7E5E4

 09E5D2

 EEE5E6

 00E5D2

 FFE5E8

 FFE5EA

 FFE5EC

 FFE5ED

# Harmonies

## Analogous

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



9AE3BC



7BE5DC



73E3FA

# Triad

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



7BE5DC



E4C8FF



FDCA9A

# Complementary

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



7BE5DC



E57B84

# 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.



FFC1AD



7BE5DC



FFBFEB

# Square

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



7BE5DC



B9D3FF



FFBCCB



E1D495

# Rectangle

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



7BE5DC



81DFFF



FFBCCB



FFC69F



# Sweetspot

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



7BE5DC



DBFFFC



86E57B



6A807E



000000



808080



# Same Dimension

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



7BE5DC



70FFF3



7BBBE5



677372



00B3A3



00332F



# Inverse Universe

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



E57B84



FF707C



E5A57B



736768



B3000F

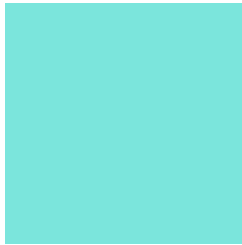


330004



# Previews

## White Background



This preview shows how the Hex color 7BE5DC looks on a white background.

## Color Contrast Check

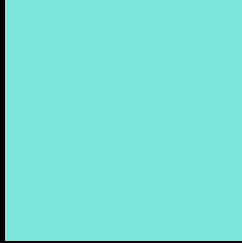
Large Text (above 18pt) WCAG AA × Fail

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 7BE5DC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

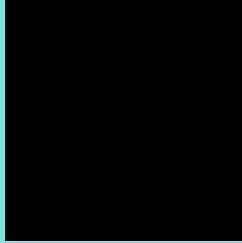
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

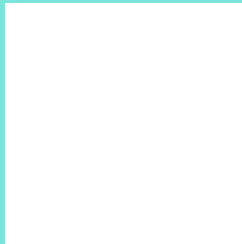
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7BE5DC Background



This preview shows how black text looks on a background with the Hex color 7BE5DC.

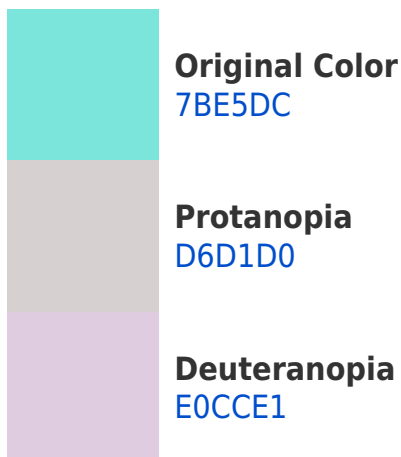


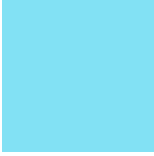
This preview shows how white text looks on a background with the Hex color 7BE5DC.

# 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



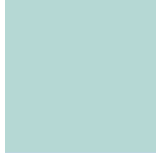


**Tritanopia**  
82E1F4

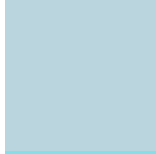
# Trichromacy



**Original Color**  
7BE5DC



**Protanomaly**  
B5D8D4



**Deuteranomaly**  
BBD5DF

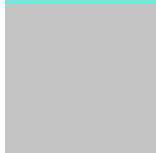


**Tritanomaly**  
7FE2EB

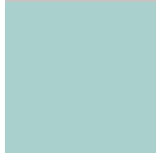
# Monochromacy



**Original Color**  
7BE5DC



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
A9D0CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BE5DC 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 #7BE5DC looks like.

```
.text, #text, p{  
    color:#7BE5DC  
}
```

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 #7BE5DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BE5DC
}
```

## Border

The CSS property to change the border of an element to Hex 7BE5DC 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
#7BE5DC }
```

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

```
.border{ border-color:#7BE5DC }
```

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

Here you see how a box with a 4 pixel #7BE5DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BE5DC; -webkit-box-shadow:4px 4px  
4px 4px #7BE5DC; box-shadow:4px 4px 4px  
4px #7BE5DC }
```

# Background

The CSS property to change the background color of an element to Hex 7BE5DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BE5DC }
```

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

```
.background{ background-color:#7BE5DC }
```

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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