

Converting Colors

Hex(7BE3CA)

Have a look what the booklet for
Hex(7BE3CA) contains.

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Color

Hex(7BE3CA)

Conversions

Conversions Part 1

Format	Color
Hex	7BE3CA
RGB	123, 227, 202
RGB Percent	48%, 89%, 79%
CMY	0.5176, 0.1098, 0.2078
CMYK	0.46, 0.00, 0.11, 0.11
HSL	166°, 65%, 69%
HSV	166°, 46%, 89%
XYZ	46.2981, 63.4134, 65.6770
YIQ	193.0540, -53.9590, -29.8230

Conversions

Conversions Part 2

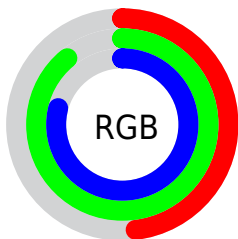
Format	Color
RYB	123, 182, 227
Decimal	8119242
CIELab	83.66, -36.16, 2.84
CIELCh	84, 36.268, 175.506
Yxy	63.4134, 0.2640, 0.3616
Android (android.graphics.Color)	4286309322 (0xFF7BE3CA)
YUV	193.0540, 4.4104, -61.4374
Hunter-Lab	79.6325, -35.5775, 6.8433

Details

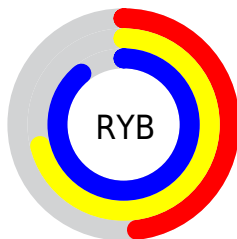
The Hex color **7BE3CA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E37B94**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **B5FFFF**, and **40AB94** is the 20% darker color. If you saturate the color by 10%, you get **64E3C5**, and if you desaturate by 10%, it is **92E3CF**.

Distribution



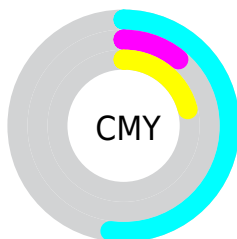
- Red (48%)
- Green (89%)
- Blue (79%)



- Red (48%)
- Yellow (71%)
- Blue (89%)



- Cyan (46%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (52%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BE3CA 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 7BE3CA by changing the saturation by 10% instead.

 7BE3CA

 7BE3CA

FFFFFF

 5EC7AF

 B5FFFF

 40AB94

 D2FFFF

 1C907A

 EFFFFFF

 007661

 005D4A

 004433

 002D1E

 001506

 000000

 7BE3CA

 7BE3CA

 64E3C5

 92E3CF

 4EE3BF

 A8E3D5

 37E3BA

 BFE3DA

 20E3B4

 D6E3E0

 0AE3AF

 ECE3E5

 00E3AC

 FFE3EB

 FFE3F0

 FFE3F6

 FFE3FB

Harmonies

Analogous

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



A2DFA9



7BE3CA



60E3ED

Triad

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



7BE3CA



CECAFF



FFC199

Complementary

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



7BE3CA



E37B94

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.



FFB9B5



7BE3CA



F7BEF8

Square

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



7BE3CA



9BD5FF



FFB7D7



EDCD8C

Rectangle

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



7BE3CA



64E0FF



FFB7D7



FFBEA1

Sweetspot

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



7BE3CA



DBFFF6



95E37B



6A807A



000000



808080

Same Dimension

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



7BE3CA



73FFDD



7BC9E3



677370



00B388



003327

Inverse Universe

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



E37B94



FF7394



E3957B



73676A



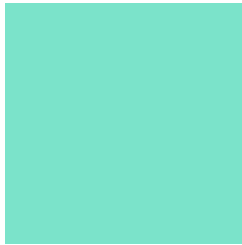
B3002B



33000C

Previews

White Background



This preview shows how the Hex color 7BE3CA looks on a white background.

Color Contrast Check

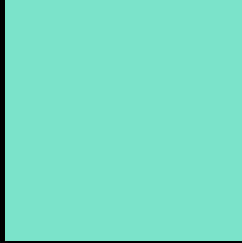
Large Text (above 18pt) WCAG AA × Fail

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 7BE3CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

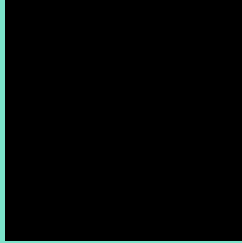
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

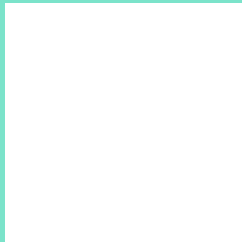
Any Text WCAG AAA ✓ Pass

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

Hex 7BE3CA Background



This preview shows how black text looks on a background with the Hex color 7BE3CA.



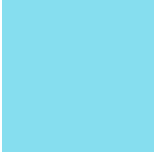
This preview shows how white text looks on a background with the Hex color 7BE3CA.

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
86DEEF

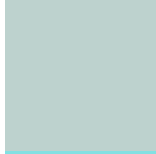
Trichromacy



Original Color
7BE3CA



Protanomaly
B6D6C3



Deuteranomaly
BDD2CE

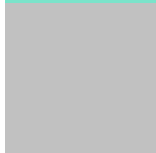


Tritanomaly
82E0E2

Monochromacy



Original Color
7BE3CA



Achromatopsia
C1C1C1



Achromatomaly
A8CDC4

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BE3CA 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 #7BE3CA looks like.

```
.text, #text, p{  
    color:#7BE3CA  
}
```

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 #7BE3CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BE3CA
}
```

Border

The CSS property to change the border of an element to Hex 7BE3CA 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
#7BE3CA }
```

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

```
.border{ border-color:#7BE3CA }
```

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

Here you see how a box with a 4 pixel #7BE3CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BE3CA; -webkit-box-shadow:4px 4px  
4px 4px #7BE3CA; box-shadow:4px 4px 4px  
4px #7BE3CA }
```

Background

The CSS property to change the background color of an element to Hex 7BE3CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BE3CA }
```

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

```
.background{ background-color:#7BE3CA }
```

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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