

Converting Colors

Hex(7BE886)

Have a look what the booklet for
Hex(7BE886) contains.

Hex(7BE886)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7BE886)

Conversions

Conversions Part 1

Format	Color
Hex	7BE886
RGB	123, 232, 134
RGB Percent	48%, 91%, 53%
CMY	0.5176, 0.0902, 0.4745
CMYK	0.47, 0.00, 0.42, 0.09
HSL	126°, 70%, 70%
HSV	126°, 47%, 91%
XYZ	41.3281, 63.6454, 32.6608
YIQ	188.2370, -33.5060, -53.5860

Conversions

Conversions Part 2

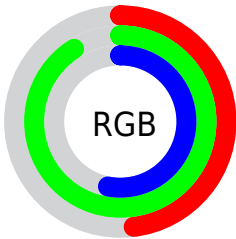
Format	Color
RYB	123, 222, 232
Decimal	8120454
CIELab	83.78, -51.29, 38.15
CIElCh	84, 63.928, 143.356
Yxy	63.6454, 0.3003, 0.4624
Android (android.graphics.Color)	4286310534 (0xFF7BE886)
YUV	188.2370, -26.7388, -57.2128
Hunter-Lab	79.7781, -47.1419, 31.5716

Details

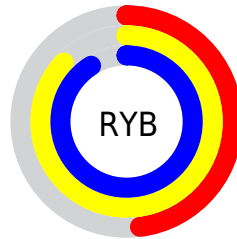
The Hex color **7BE886** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E87BDD**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **B5FFBC**, and **3FAF53** is the 20% darker color. If you saturate the color by 10%, you get **64E871**, and if you desaturate by 10%, it is **92E89B**.

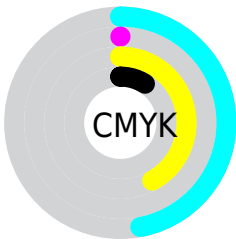
Distribution



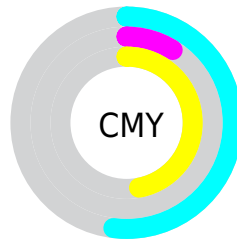
- Red (48%)
- Green (91%)
- Blue (53%)



- Red (48%)
- Yellow (87%)
- Blue (91%)



- Cyan (47%)
- Magenta (0%)
- Yellow (42%)
- Black (9%)



- Cyan (52%)
- Magenta (9%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BE886 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 7BE886 by changing the saturation by 10% instead.

 7BE886

 7BE886

FFFFFF

 5ECB6C

 B5FFBC

 3FAF53

 D2FFD8

 1A943A

 F0FFF5

 007A21

 006004

 004700

 003000

 001600

 000000

 7BE886

 7BE886

 64E871

 92E89B

 4DE85C

 A9E8B0

 35E847

 C1E8C5

 1EE833

 D8E8D9

 07E81E

 EFE8EE

 00E817

 FFE8FF

Harmonies

Analogous

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



C5DC5C



7BE886



00EEC1

Triad

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



7BE886



00DBFF



FFA0A4

Complementary

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



7BE886



E87BDD

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.



FF9EE1



7BE886



BEC6FF

Square

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



7BE886



00E9FF



FFAEFF



FFB272

Rectangle

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



7BE886



00EFEB



FFAEFF



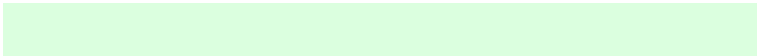
FF9DB8

Sweetspot

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



7BE886



DBFFDF



DDE87B



6A806C



000000



808080

Same Dimension

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



7BE886



70FF7F



7BE8BC



677368



00B312



003305

Inverse Universe

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



E87BDD



FF70F1



E87BA7



736772



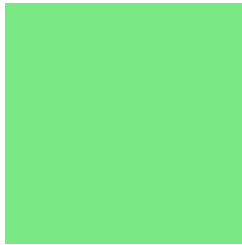
B300A0



33002E

Previews

White Background



This preview shows how the Hex color 7BE886 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 7BE886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

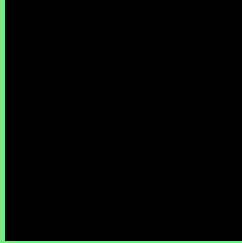
Any Text WCAG AA ✓ Pass

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 7BE886 Background



This preview shows how black text looks on a background with the Hex color 7BE886.

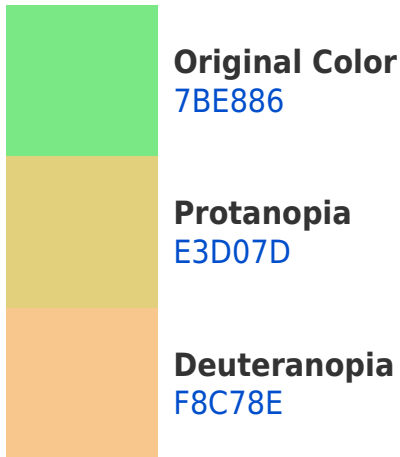


This preview shows how white text looks on a background with the Hex color 7BE886.

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



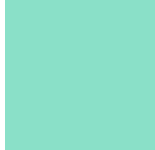
Original Color
7BE886



Protanomaly
BDD980



Deuteranomaly
CBD38B

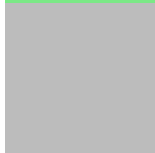


Tritanomaly
8AE0C8

Monochromacy



Original Color
7BE886



Achromatopsia
BCBCBC



Achromatomaly
A4CCA8

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BE886 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 #7BE886 looks like.

```
.text, #text, p{  
    color:#7BE886  
}
```

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 #7BE886 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BE886
}
```

Border

The CSS property to change the border of an element to Hex 7BE886 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
#7BE886 }
```

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

```
.border{ border-color:#7BE886 }
```

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

Here you see how a box with a 4 pixel #7BE886 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BE886; -webkit-box-shadow:4px 4px  
4px 4px #7BE886; box-shadow:4px 4px 4px  
4px #7BE886 }
```

Background

The CSS property to change the background color of an element to Hex 7BE886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BE886 }
```

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

```
.background{ background-color:#7BE886 }
```

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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