

Converting Colors

Hex(7BE4A9)

Have a look what the booklet for
Hex(7BE4A9) contains.

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Color

Hex(7BE4A9)

Conversions

Conversions Part 1

Format	Color
Hex	7BE4A9
RGB	123, 228, 169
RGB Percent	48%, 89%, 66%
CMY	0.5176, 0.1059, 0.3373
CMYK	0.46, 0.00, 0.26, 0.11
HSL	146°, 66%, 69%
HSV	146°, 46%, 89%
XYZ	43.0732, 62.5623, 47.3417
YIQ	189.8790, -43.6410, -40.6090

Conversions

Conversions Part 2

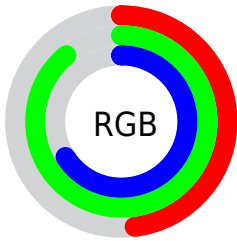
Format	Color
RYB	123, 196, 228
Decimal	8119465
CIELab	83.21, -43.58, 19.54
CIElCh	83, 47.761, 155.852
Yxy	62.5623, 0.2816, 0.4090
Android (android.graphics.Color)	4286309545 (0xFF7BE4A9)
YUV	189.8790, -10.2933, -58.6529
Hunter-Lab	79.0964, -41.2135, 19.8805

Details

The Hex color **7BE4A9** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E47BB6**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B4FFE0**, and **41AC75** is the 20% darker color. If you saturate the color by 10%, you get **64E49C**, and if you desaturate by 10%, it is **92E4B6**.

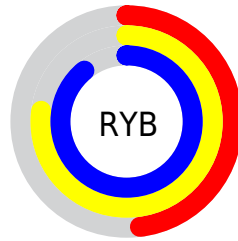
Distribution



Red (48%)

Green (89%)

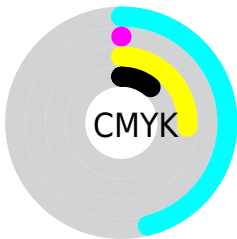
Blue (66%)



Red (48%)

Yellow (77%)

Blue (89%)

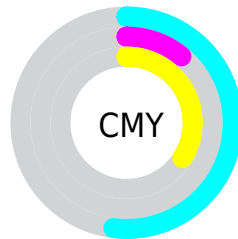


Cyan (46%)

Magenta (0%)

Yellow (26%)

Black (11%)



Cyan (52%)

Magenta (11%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BE4A9 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 7BE4A9 by changing the saturation by 10% instead.

 7BE4A9

 7BE4A9

FFFFFF

 5EC88E

 B4FFE0

 41AC75

 D1FFFD

 1F915C

 EFFFFFF

 007644

 005D2D

 004418

 002E00

 001300

 000000

 7BE4A9

 7BE4A9

 64E49C

 92E4B6

 4DE48F

 A9E4C3

 37E483

 BFE4CF

 20E476

 D6E4DC

 09E469

 EDE4E9

 00E464

 FFE4F6

 FFE4FF

Harmonies

Analogous

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



B4DC85



7BE4A9



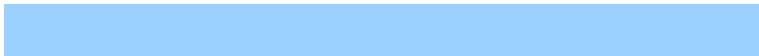
29E7D7

Triad

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



7BE4A9



9AD1FF



FFB29D

Complementary

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



7BE4A9



E47BB6

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.



FFABC8



7BE4A9



E0C0FF

Square

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



7BE4A9



3ADEFF



FFB1F5



FFC07E

Rectangle

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



7BE4A9



00E6F5



FFB1F5



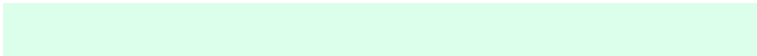
FFAEAA

Sweetspot

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



7BE4A9



DBFFEB



B7E47B



6A8073



000000



808080

Same Dimension

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



7BE4A9



73FFB0



7BE4DD



67736C



00B34E



003316

Inverse Universe

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



E47BB6



FF73C2



E47B82



73676E



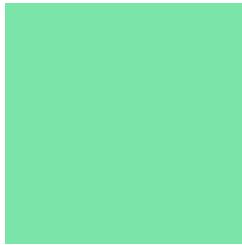
B30064



33001D

Previews

White Background



This preview shows how the Hex color 7BE4A9 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 7BE4A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

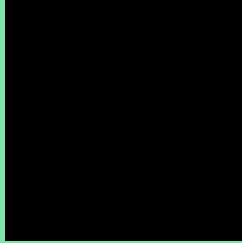
Any Text WCAG AA ✓ Pass

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 7BE4A9 Background



This preview shows how black text looks on a background with the Hex color 7BE4A9.

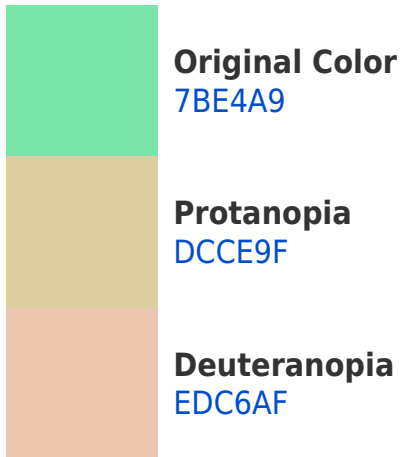


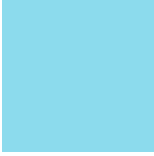
This preview shows how white text looks on a background with the Hex color 7BE4A9.

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





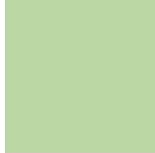
Tritanopia
8CDBED

Trichromacy



Original Color

7BE4A9



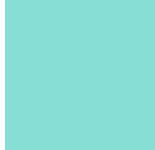
Protanomaly

B9D6A3



Deuteranomaly

C4D1AD



Tritanomaly

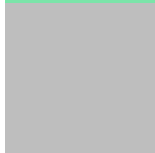
86DED4

Monochromacy



Original Color

7BE4A9



Achromatopsia

BEBEBE



Achromatomaly

A6CCB6

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BE4A9 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 #7BE4A9 looks like.

```
.text, #text, p{  
    color:#7BE4A9  
}
```

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 #7BE4A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BE4A9
}
```

Border

The CSS property to change the border of an element to Hex 7BE4A9 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
#7BE4A9 }
```

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

```
.border{ border-color:#7BE4A9 }
```

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

Here you see how a box with a 4 pixel #7BE4A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BE4A9; -webkit-box-shadow:4px 4px  
4px 4px #7BE4A9; box-shadow:4px 4px 4px  
4px #7BE4A9 }
```

Background

The CSS property to change the background color of an element to Hex 7BE4A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BE4A9 }
```

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

```
.background{ background-color:#7BE4A9 }
```

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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