

Converting Colors

Hex(7BAE84)

Have a look what the booklet for
Hex(7BAE84) contains.

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Color

Hex(7BAE84)

Conversions

Conversions Part 1

Format	Color
Hex	7BAE84
RGB	123, 174, 132
RGB Percent	48%, 68%, 52%
CMY	0.5176, 0.3176, 0.4824
CMYK	0.29, 0.00, 0.24, 0.32
HSL	131°, 24%, 58%
HSV	131°, 29%, 68%
XYZ	27.4693, 36.1490, 27.3595
YIQ	153.9630, -16.9140, -23.8740

Conversions

Conversions Part 2

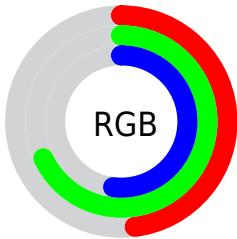
Format	Color
RYB	123, 166, 174
Decimal	8105604
CIELab	66.63, -25.60, 16.27
CIElCh	67, 30.332, 147.571
Yxy	36.1490, 0.3019, 0.3973
Android (android.graphics.Color)	4286295684 (0xFF7BAE84)
YUV	153.9630, -10.8278, -27.1546
Hunter-Lab	60.1240, -23.6645, 15.1069

Details

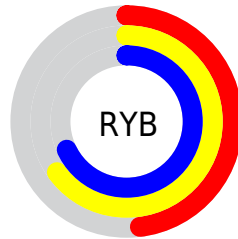
The Hex color **7BAE84** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AE7BA5**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B1E6B9**, and **487952** is the 20% darker color. If you saturate the color by 10%, you get **6AAE76**, and if you desaturate by 10%, it is **8CAE92**.

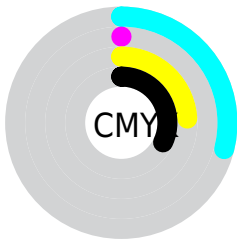
Distribution



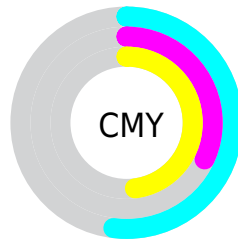
- Red (48%)
- Green (68%)
- Blue (52%)



- Red (48%)
- Yellow (65%)
- Blue (68%)



- Cyan (29%)
- Magenta (0%)
- Yellow (24%)
- Black (32%)



- Cyan (52%)
- Magenta (32%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BAE84 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 7BAE84 by changing the saturation by 10% instead.



7BAE84



7BAE84

FFFFFF



61936B



B1E6B9



487952



CDFFD5



30603B



E9FFF1



174825



003110



001E00



000000



7BAE84



7BAE84



6AAE76



8CAE92

 58AE67

 9EAEA1

 47AE59

 AFAEAF

 35AE4B

 C1AEBD

 24AE3C

 D2AECC

 13AE2E

 E3AEDA

 01AE20

 F5AEE8

 00AE1F

 FFAEF7

 FFAEFF

Harmonies

Analogous

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



9BA871



7BAE84



5CB19F

Triad

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



7BAE84



7AA5D8



D88F8A

Complementary

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



7BAE84



AE7BA5

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.



D58EA5



7BAE84



A39CD2

Square

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



7BAE84



55ADCF



C393C0



CD9675

Rectangle

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



7BAE84



4CB1B2



C393C0



D98E93

Sweetspot

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



7BAE84



CFE3D2



A5AE7B



667368



F2F2F2



737373

Same Dimension

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



7BAE84



94E3A2



7BAE9D



4E5750



00961B



001704

Inverse Universe

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



AE7BA5



E394D5



AE7B8C



574E55



96007C



170013

Previews

White Background



This preview shows how the Hex color 7BAE84 looks on a white background.

Color Contrast Check

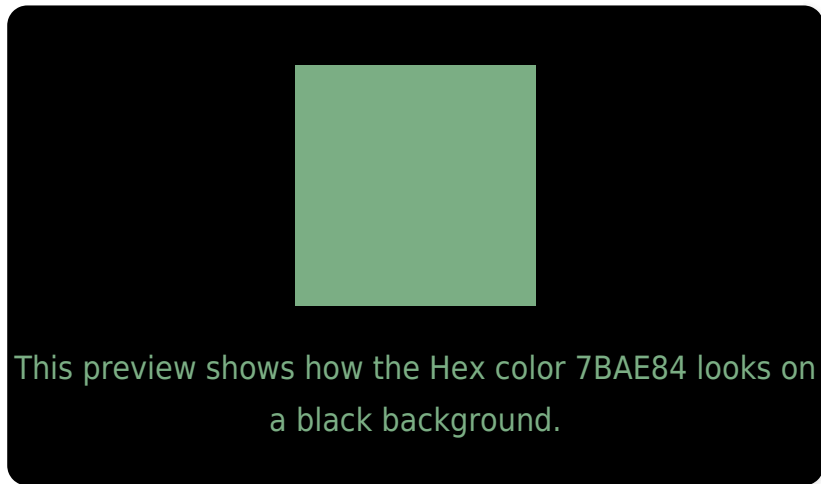
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

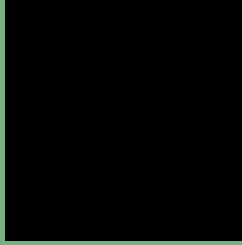
Any Text WCAG AA ✓ Pass

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 7BAE84 Background



This preview shows how black text looks on a background with the Hex color 7BAE84.

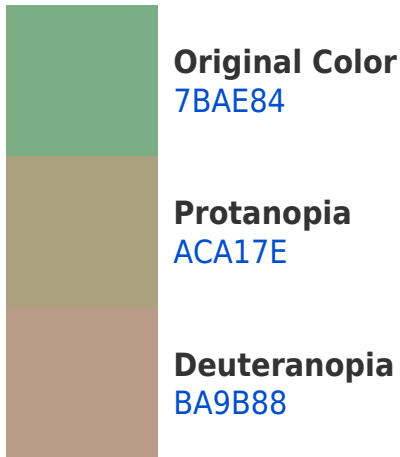


This preview shows how white text looks on a background with the Hex color 7BAE84.

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](#).

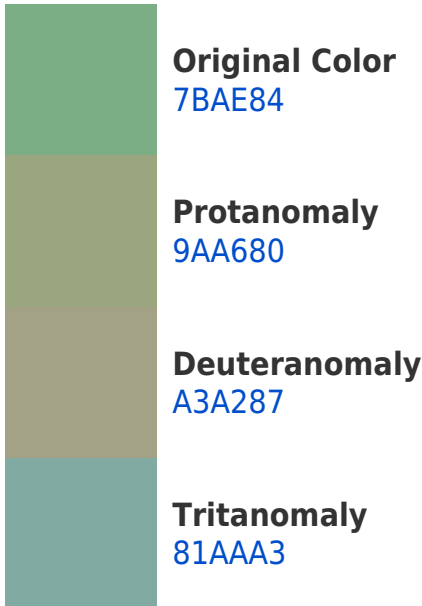
Dichromacy



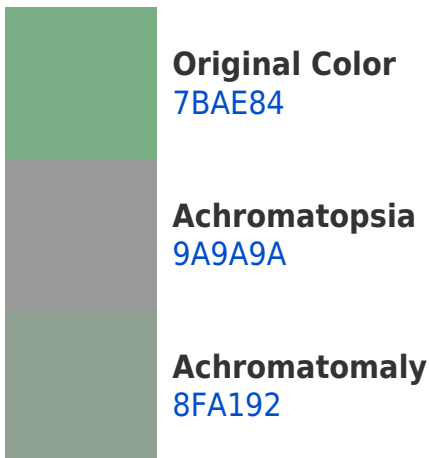


Tritanopia
84A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BAE84 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 #7BAE84 looks like.

```
.text, #text, p{  
    color:#7BAE84  
}
```

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 #7BAE84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BAE84
}
```

Border

The CSS property to change the border of an element to Hex 7BAE84 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
#7BAE84 }
```

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

```
.border{ border-color:#7BAE84 }
```

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

Here you see how a box with a 4 pixel #7BAE84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BAE84; -webkit-box-shadow:4px 4px  
4px 4px #7BAE84; box-shadow:4px 4px 4px  
4px #7BAE84 }
```

Background

The CSS property to change the background color of an element to Hex 7BAE84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BAE84 }
```

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

```
.background{ background-color:#7BAE84 }
```

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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