

Converting Colors

Hex(7BC4A0)

Have a look what the booklet for
Hex(7BC4A0) contains.

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Color

Hex(7BC4A0)

Conversions

Conversions Part 1

Format	Color
Hex	7BC4A0
RGB	123, 196, 160
RGB Percent	48%, 77%, 63%
CMY	0.5176, 0.2314, 0.3725
CMYK	0.37, 0.00, 0.18, 0.23
HSL	150°, 38%, 63%
HSV	150°, 37%, 77%
XYZ	34.2535, 46.2289, 40.3754
YIQ	170.0690, -31.9520, -26.6720

Conversions

Conversions Part 2

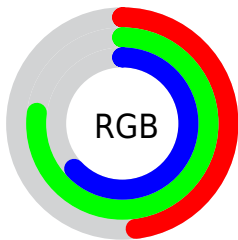
Format	Color
RYB	123, 171, 196
Decimal	8111264
CIELab	73.69, -30.80, 10.96
CIElCh	74, 32.687, 160.413
Yxy	46.2289, 0.2834, 0.3825
Android (android.graphics.Color)	4286301344 (0xFF7BC4A0)
YUV	170.0690, -4.9640, -41.2795
Hunter-Lab	67.9918, -29.0595, 12.3862

Details

The Hex color **7BC4A0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C47B9F**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **B2FDD7**, and **468E6C** is the 20% darker color. If you saturate the color by 10%, you get **67C496**, and if you desaturate by 10%, it is **8FC4AA**.

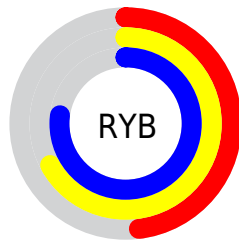
Distribution



Red (48%)

Green (77%)

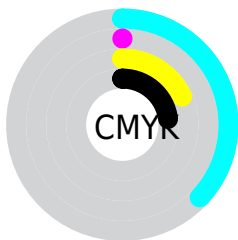
Blue (63%)



Red (48%)

Yellow (67%)

Blue (77%)

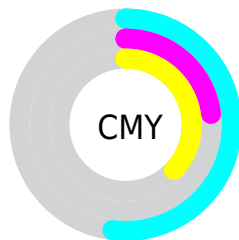


Cyan (37%)

Magenta (0%)

Yellow (18%)

Black (23%)



Cyan (52%)

Magenta (23%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BC4A0 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 7BC4A0 by changing the saturation by 10% instead.

 7BC4A0

 7BC4A0

FFFFFF

 60A986

 B2FDD7

 468E6C

 CEFFF3

 2B7454

 EBFFF3

 095B3D

 004327

 002C13

 001500

 000000

 7BC4A0

 7BC4A0

 67C496

 8FC4AA

 54C48D

 A2C4B3

 40C483

 B6C4BD

 2DC479

 C9C4C7

 19C470

 DDC4D0

 05C466

 F1C4DA

 00C463

 FFC4E4

 FFC4ED

 FFC4F7

Harmonies

Analogous

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



9EBF87



7BC4A0



5CC6BF

Triad

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



7BC4A0



9DB4F0



EDA390

Complementary

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



7BC4A0



C47B9F

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.



F19FAC



7BC4A0



C6AAE3

Square

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



7BC4A0



70BEED



E4A1CA



DBAC7D

Rectangle

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



7BC4A0



52C5D2



E4A1CA



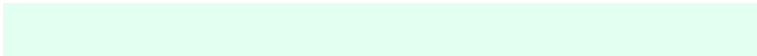
F0A198

Sweetspot

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



7BC4A0



E3FFF1



A0C47B



6F8077



000000



808080

Same Dimension

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



7BC4A0



8CFFC6



7BC4C4



57615C



00A151



002111

Inverse Universe

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



C47B9F



FF8CC5



C47B7B



61575C



A1004F



210010

Previews

White Background



This preview shows how the Hex color 7BC4A0 looks on a white background.

Color Contrast Check

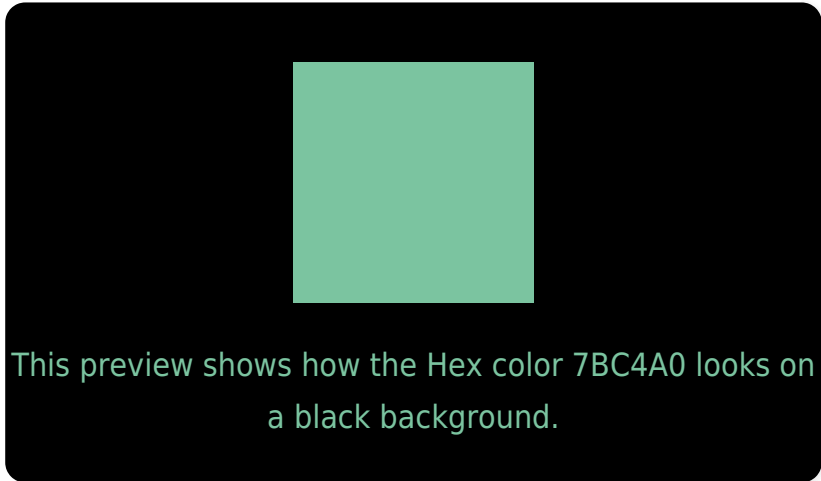
Large Text (above 18pt) WCAG AA × Fail

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

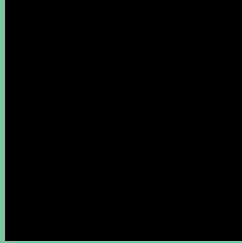
Any Text WCAG AA ✓ Pass

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 7BC4A0 Background



This preview shows how black text looks on a background with the Hex color 7BC4A0.

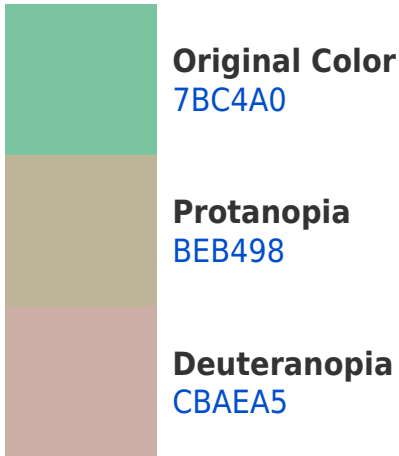


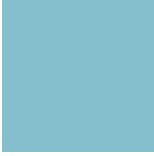
This preview shows how white text looks on a background with the Hex color 7BC4A0.

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
85BECD

Trichromacy



Original Color
7BC4A0



Protanomaly
A6BA9B



Deuteranomaly
AEB6A3



Tritanomaly
81C0BD

Monochromacy



Original Color
7BC4A0



Achromatopsia
AAAAAA



Achromatomaly
99B3A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BC4A0 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 #7BC4A0 looks like.

```
.text, #text, p{  
    color:#7BC4A0  
}
```

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 #7BC4A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC4A0
}
```

Border

The CSS property to change the border of an element to Hex 7BC4A0 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
#7BC4A0 }
```

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

```
.border{ border-color:#7BC4A0 }
```

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

Here you see how a box with a 4 pixel #7BC4A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC4A0; -webkit-box-shadow:4px 4px  
4px 4px #7BC4A0; box-shadow:4px 4px 4px  
4px #7BC4A0 }
```

Background

The CSS property to change the background color of an element to Hex 7BC4A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC4A0 }
```

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

```
.background{ background-color:#7BC4A0 }
```

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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