

Converting Colors

Hex(7ACCB5)

Have a look what the booklet for
Hex(7ACCB5) contains.

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Color

Hex(7ACCB5)

Conversions

Conversions Part 1

Format	Color
Hex	7ACCB5
RGB	122, 204, 181
RGB Percent	48%, 80%, 71%
CMY	0.5216, 0.2000, 0.2902
CMYK	0.40, 0.00, 0.11, 0.20
HSL	163°, 45%, 64%
HSV	163°, 40%, 80%
XYZ	37.9594, 50.6595, 51.4937
YIQ	176.8600, -41.4890, -24.5370

Conversions

Conversions Part 2

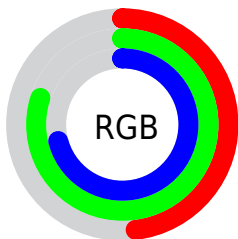
Format	Color
RYB	122, 170, 204
Decimal	8047797
CIELab	76.47, -30.38, 3.61
CIELCh	76, 30.590, 173.216
Yxy	50.6595, 0.2709, 0.3616
Android (android.graphics.Color)	4286237877 (0xFF7ACCB5)
YUV	176.8600, 2.0410, -48.1122
Hunter-Lab	71.1755, -29.3593, 6.9280

Details

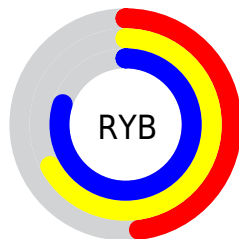
The Hex color **7ACCB5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CC7A91**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **B2FFED**, and **439580** is the 20% darker color. If you saturate the color by 10%, you get **66CCAF**, and if you desaturate by 10%, it is **8ECCBB**.

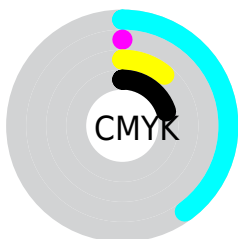
Distribution



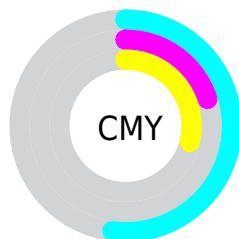
- Red (48%)
- Green (80%)
- Blue (71%)



- Red (48%)
- Yellow (67%)
- Blue (80%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)



- Cyan (52%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7ACCB5 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 7ACCB5 by changing the saturation by 10% instead.



7ACCB5



7ACCB5

FFFFFF



5FB09A



B2FFED



439580



CEFFFF



267B67



EBFFFF



00624F



004A38



003223



001F0D



000000



7ACCB5



7ACCB5

66CCAF

8ECCBB

51CCAA

A3CCC0

3DCCA4

B7CCC6

28CC9E

CCCCCC

14CC98

E0CCD2

00CC93

F4CCD7

FFCCDD

FFCCE3

FFCCE8

Harmonies

Analogous

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



99C89A



7ACCB5



66CCD2

Triad

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



7ACCB5



B8B8F0



ECAF90

Complementary

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



7ACCB5



CC7A91

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.



F6A9A8



7ACCB5



DBAEDF

Square

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



7ACCB5



8FC1F4



F0A8C4



D7B985

Rectangle

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



7ACCB5



67CAE2



F0A8C4



F1AD97

Sweetspot

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



7ACCB5



E0FFF6



91CC7A



6E807A



000000



808080

Same Dimension

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



7ACCB5



85FFDD



7ABACC



5C6663



00A677



00261C

Inverse Universe

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



CC7A91



FF85A7



CC8C7A



665C5F



A6002E



26000B

Previews

White Background



This preview shows how the Hex color 7ACCB5 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 7ACCB5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

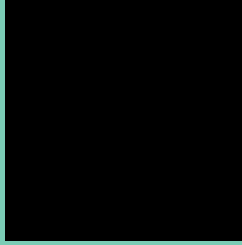
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

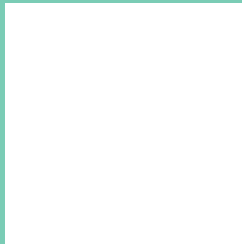
Any Text WCAG AAA ✓ Pass

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

Hex 7ACCB5 Background



This preview shows how black text looks on a background with the Hex color 7ACCB5.

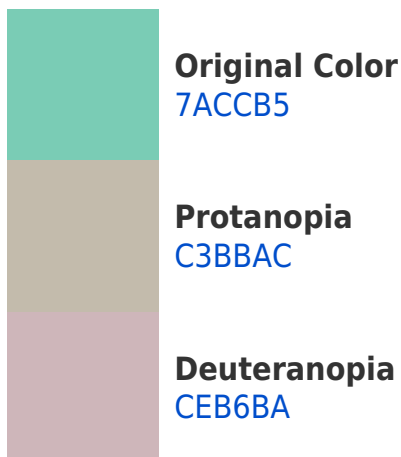


This preview shows how white text looks on a background with the Hex color 7ACCB5.

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
83C7D7

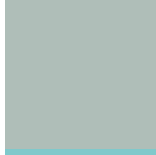
Trichromacy



Original Color
7ACCB5



Protanomaly
A8C1AF



Deuteranomaly
AFBEB8

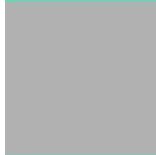


Tritanomaly
80C9CB

Monochromacy



Original Color
7ACCB5



Achromatopsia
B1B1B1



Achromatomaly
9DBBB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 7ACCB5 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 #7ACCB5 looks like.

```
.text, #text, p{  
    color:#7ACCB5  
}
```

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 #7ACCB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7ACCB5  
}
```

Border

The CSS property to change the border of an element to Hex 7ACCB5 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  
#7ACCB5 }
```

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

```
.border{ border-color:#7ACCB5 }
```

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

Here you see how a box with a 4 pixel #7ACCB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7ACCB5; -webkit-box-shadow:4px 4px  
4px 4px #7ACCB5; box-shadow:4px 4px 4px  
4px #7ACCB5 }
```

Background

The CSS property to change the background color of an element to Hex 7ACCB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7ACCB5 }
```

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

```
.background{ background-color:#7ACCB5 }
```

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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