

Converting Colors

Hex(ACC5B0)

Have a look what the booklet for
Hex(ACC5B0) contains.

Hex(ACC5B0)	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(ACC5B0)

Conversions

Conversions Part 1

Format	Color
Hex	ACC5B0
RGB	172, 197, 176
RGB Percent	67%, 77%, 69%
CMY	0.3255, 0.2275, 0.3098
CMYK	0.13, 0.00, 0.11, 0.23
HSL	130°, 18%, 72%
HSV	130°, 13%, 77%
XYZ	44.8160, 51.8377, 48.7179
YIQ	187.1310, -8.1590, -11.8310

Conversions

Conversions Part 2

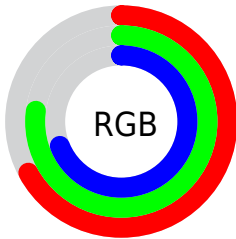
Format	Color
RYB	172, 194, 197
Decimal	11322800
CIELab	77.18, -12.49, 7.69
CIELCh	77, 14.667, 148.370
Yxy	51.8377, 0.3083, 0.3566
Android (android.graphics.Color)	4289512880 (0xFFACC5B0)
YUV	187.1310, -5.4876, -13.2699
Hunter-Lab	71.9984, -14.8886, 10.2802

Details

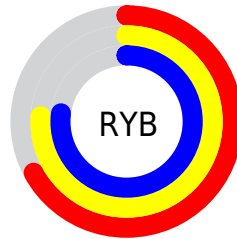
The Hex color **ACC5B0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C5ACC1**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **E4FEE8**, and **788F7C** is the 20% darker color. If you saturate the color by 10%, you get **98C59F**, and if you desaturate by 10%, it is **C0C5C1**.

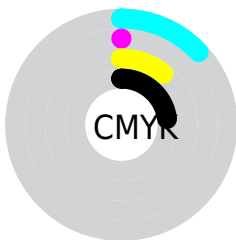
Distribution



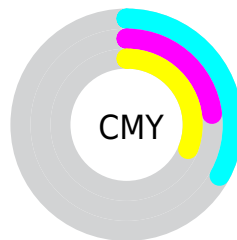
- Red (67%)
- Green (77%)
- Blue (69%)



- Red (67%)
- Yellow (76%)
- Blue (77%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (23%)



- Cyan (33%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Hex color ACC5B0 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 ACC5B0 by changing the saturation by 10% instead.

 ACC5B0

 ACC5B0

FFFFFF

 91AA95

 E4FEE8

 788F7C

 5F7663

 475D4B

 304534

 1A2F1F

 021B07

 000000

 ACC5B0

 ACC5B0

 98C59F

 C0C5C1

 85C58F

 D3C5D1

 71C57E

 E7C5E2

 5DC56E

 FBC5F2

 4AC55D

 FFC5FF

 36C54D

 22C53C

 0EC52C

 00C520

Harmonies

Analogous

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



BBC2A7



ACC5B0



A0C7BD

Triad

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



ACC5B0



AFC0D9



DCB6B2

Complementary

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



ACC5B0



C5ACC1

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.



D9B5C0



ACC5B0



C0BBD6

Square

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



ACC5B0



A1C4D5



D0B7CD



D6B9A8

Rectangle

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



ACC5B0



9CC7C7



D0B7CD



DCB6B7

Sweetspot

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



ACC5B0



F5FFF6



C1C5AC



79807A



000000



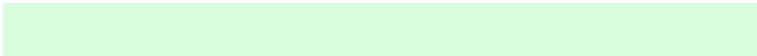
808080

Same Dimension

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



ACC5B0



D9FFDF



ACC5BC



5A635B



00A31A



002406

Inverse Universe

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



C5ACC1



FFD9F9



C5ACB5



635A62



A30089



24001E

Previews

White Background



This preview shows how the Hex color ACC5B0 looks on a white background.

Color Contrast Check

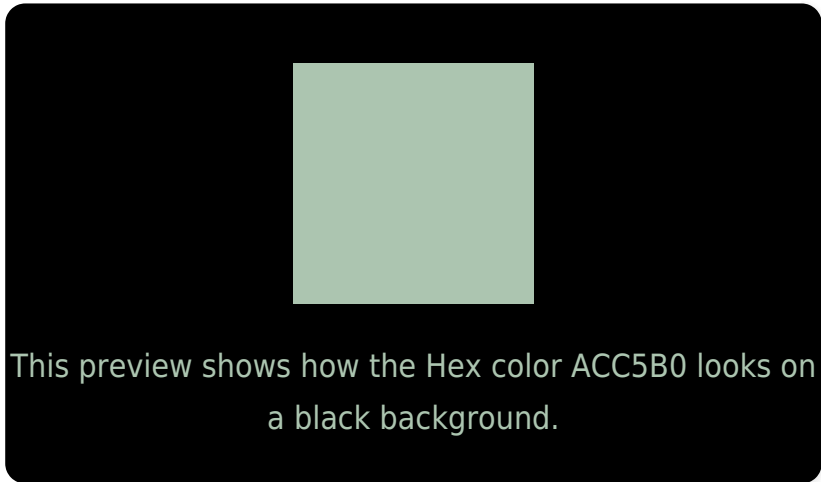
Large Text (above 18pt) WCAG AA × Fail

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

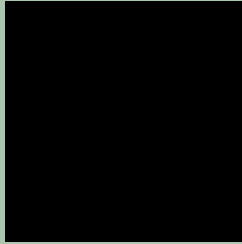
Any Text WCAG AA ✓ Pass

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 ACC5B0 Background



This preview shows how black text looks on a background with the Hex color ACC5B0.

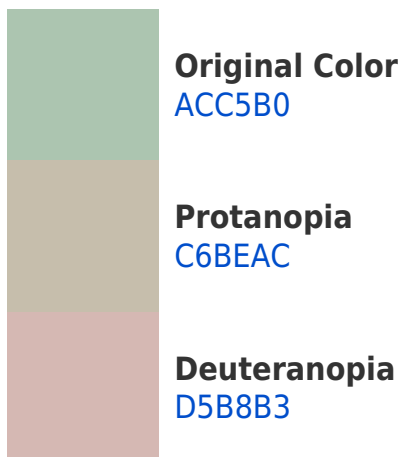


This preview shows how white text looks on a background with the Hex color ACC5B0.

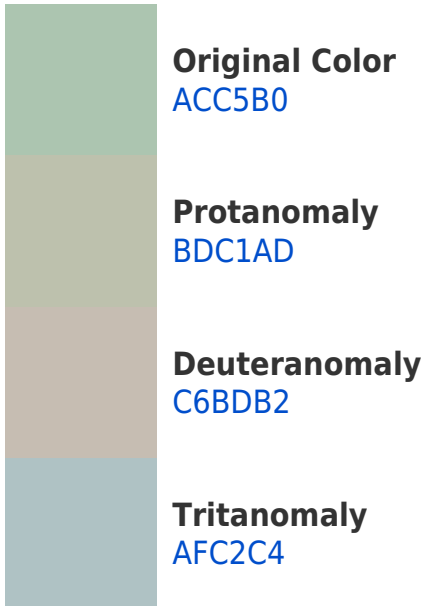
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACC5B0 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 #ACC5B0 looks like.

```
.text, #text, p{  
    color:#ACC5B0  
}
```

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 #ACC5B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACC5B0  
}
```

Border

The CSS property to change the border of an element to Hex ACC5B0 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  
#ACC5B0 }
```

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

```
.border{ border-color:#ACC5B0 }
```

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

Here you see how a box with a 4 pixel #ACC5B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACC5B0; -webkit-box-shadow:4px 4px  
4px 4px #ACC5B0; box-shadow:4px 4px 4px  
4px #ACC5B0 }
```

Background

The CSS property to change the background color of an element to Hex ACC5B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACC5B0 }
```

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

```
.background{ background-color:#ACC5B0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor