

# Converting Colors

Hex(ABD680)

Have a look what the booklet for  
Hex(ABD680) contains.

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**Color**

**Hex(ABD680)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ABD680
RGB	171, 214, 128
RGB Percent	67%, 84%, 50%
CMY	0.3294, 0.1608, 0.4980
CMYK	0.20, 0.00, 0.40, 0.16
HSL	90°, 51%, 67%
HSV	90°, 40%, 84%
XYZ	44.7374, 58.3096, 29.3190
YIQ	191.3390, 1.9780, -35.8620

# Conversions

## Conversions Part 2

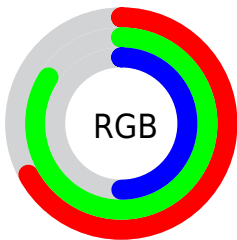
Format	Color
<a href="#">RYB</a>	<a href="#">128, 214, 171</a>
Decimal	<a href="#">11261568</a>
CIELab	<a href="#">80.91, -28.78, 37.94</a>
CIElCh	<a href="#">81, 47.619, 127.184</a>
Yxy	<a href="#">58.3096, 0.3380, 0.4405</a>
Android (android.graphics.Color)	<a href="#">4289451648 (0xFFABD680)</a>
YUV	<a href="#">191.3390, -31.2261, -17.8373</a>
Hunter-Lab	<a href="#">76.3607, -29.0535, 30.6878</a>

# Details

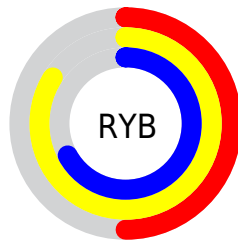
The Hex color **ABD680** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AB80D6**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **E4FFB6**, and **759F4D** is the 20% darker color. If you saturate the color by 10%, you get **A0D66B**, and if you desaturate by 10%, it is **B6D695**.

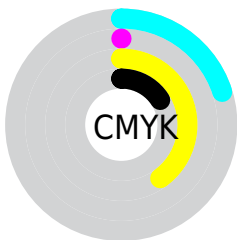
# Distribution



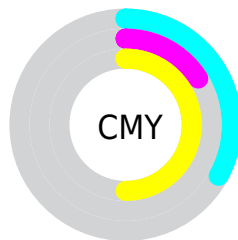
- Red (67%)
- Green (84%)
- Blue (50%)



- Red (50%)
- Yellow (84%)
- Blue (67%)



- Cyan (20%)
- Magenta (0%)
- Yellow (40%)
- Black (16%)



- Cyan (33%)
- Magenta (16%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABD680 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 ABD680 by changing the saturation by 10% instead.



 ABD680

 ABD680

FFFFFF

 90BA66

 E4FFB6

 759F4D

 FFFFD2

 5B8535

 FFFFEE

 426B1C

 285300

 103B00

 002600

 000600

 000000

 ABD680

 ABD680

 A0D66B

 B6D695

 96D655

 C0D6AB

 8BD640

 CBD6C0

 80D62A

 D6D6D6

 75D615

 E1D6EB

 6BD600

 EBD6FF

 F6D6FF

 FFD6FF

# Harmonies

## Analogous

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



DBCA6F



ABD680



72DEA5

# Triad

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



ABD680



34D7FF



FFA5C0

# Complementary

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



ABD680



AB80D6

# Split Complementary

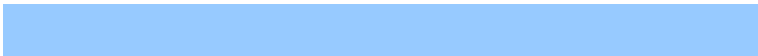
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFABEC



ABD680



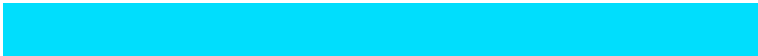
97CAFF

# Square

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



ABD680



00DEFD



DCB9FF



FFAC95

# Rectangle

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



ABD680



3FE0C3



DCB9FF



FFA6CF



# Sweetspot

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



ABD680



F0FFE0



D6AB80



77806E



000000



808080



# Same Dimension

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



ABD680



C2FF85



80D680



666B60



55AB00



162B00



# Inverse Universe

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



AB80D6



C285FF



D680D6



66606B



5500AB



16002B



# Previews

## White Background



This preview shows how the Hex color ABD680 looks on a white background.

## Color Contrast Check

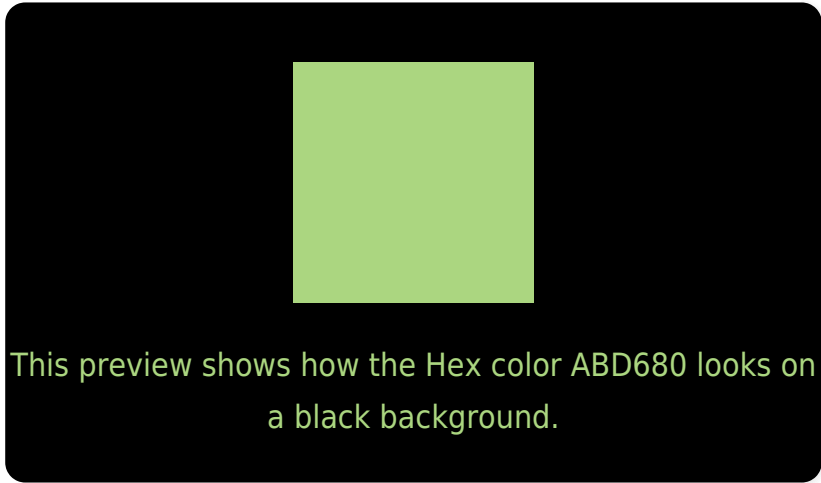
Large Text (above 18pt) WCAG AA × Fail

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 ABD680 Background



This preview shows how black text looks on a background with the Hex color ABD680.

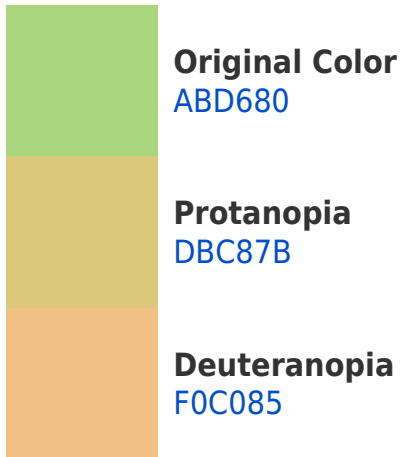


This preview shows how white text looks on a background with the Hex color ABD680.

# 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](#).

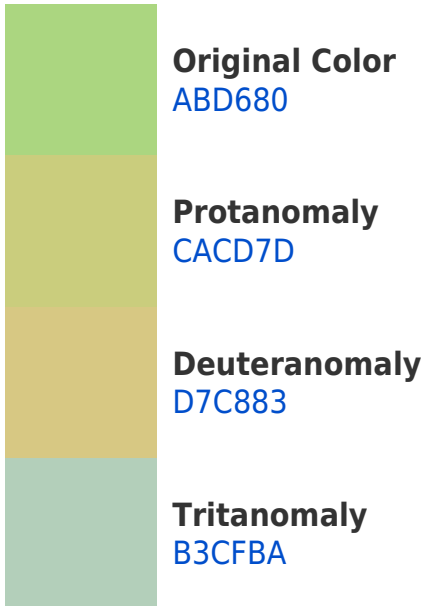
## Dichromacy



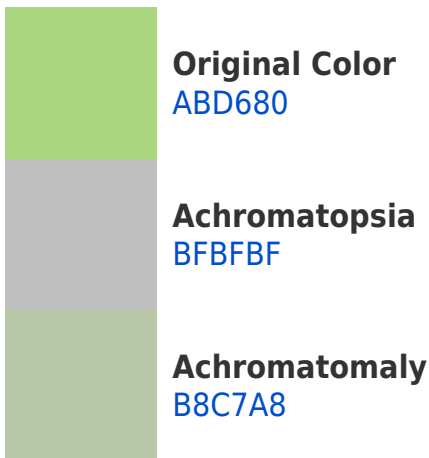


**Tritanopia**  
B8CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABD680 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 #ABD680 looks like.

```
.text, #text, p{  
    color:#ABD680  
}
```

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 #ABD680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABD680
}
```

## Border

The CSS property to change the border of an element to Hex ABD680 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
#ABD680 }
```

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

```
.border{ border-color:#ABD680 }
```

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

Here you see how a box with a 4 pixel #ABD680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABD680; -webkit-box-shadow:4px 4px  
4px 4px #ABD680; box-shadow:4px 4px 4px  
4px #ABD680 }
```

# Background

The CSS property to change the background color of an element to Hex ABD680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABD680 }
```

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

```
.background{ background-color:#ABD680 }
```

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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