

# Converting Colors

Hex(ABD686)

Have a look what the booklet for  
Hex(ABD686) contains.

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# **Color**

**Hex(ABD686)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABD686
RGB	171, 214, 134
RGB Percent	67%, 84%, 53%
CMY	0.3294, 0.1608, 0.4745
CMYK	0.20, 0.00, 0.37, 0.16
HSL	92°, 49%, 68%
HSV	92°, 37%, 84%
XYZ	45.1442, 58.4723, 31.4612
YIQ	192.0230, 0.0520, -33.9960

# Conversions

## Conversions Part 2

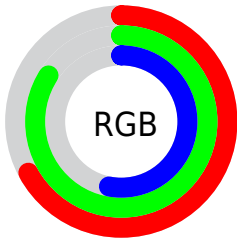
Format	Color
<a href="#">RYB</a>	<a href="#">134, 214, 177</a>
Decimal	<a href="#">11261574</a>
CIELab	<a href="#">81.00, -27.99, 35.02</a>
CIElCh	<a href="#">81, 44.834, 128.635</a>
Yxy	<a href="#">58.4723, 0.3342, 0.4329</a>
Android (android.graphics.Color)	<a href="#">4289451654 (0xFFABD686)</a>
YUV	<a href="#">192.0230, -28.6053, -18.4372</a>
Hunter-Lab	<a href="#">76.4672, -28.4358, 29.1331</a>

# Details

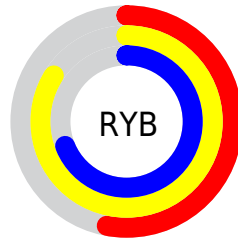
The Hex color **ABD686** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B186D6**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **E3FFBC**, and **759F53** is the 20% darker color. If you saturate the color by 10%, you get **9FD671**, and if you desaturate by 10%, it is **B7D69B**.

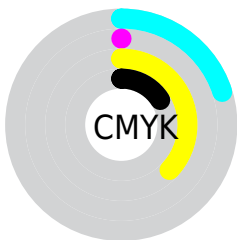
# Distribution



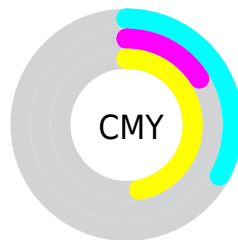
- Red (67%)
- Green (84%)
- Blue (53%)



- Red (53%)
- Yellow (84%)
- Blue (69%)



- Cyan (20%)
- Magenta (0%)
- Yellow (37%)
- Black (16%)



- Cyan (33%)
- Magenta (16%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABD686 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 ABD686 by changing the saturation by 10% instead.



 ABD686

 ABD686

FFFFFF

 90BA6C

 E3FFBC

 759F53


 FFFFD8

 5B853B

 FFFFF5

 426B23

 295309

 113B00

 002600

 000700

 000000

 ABD686

 ABD686

 9FD671

 B7D69B

 94D65B

 C2D6B1

 88D646

 CED6C6

 7DD630

 D9D6DC

 71D61B

 E5D6F1

 66D606

 F0D6FF

 63D600

 FCD6FF

 FFD6FF

# Harmonies

## Analogous

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



D9CB75



ABD686



76DDA9

# Triad

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



ABD686



50D6FF



FFA8BE

# Complementary

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



ABD686



B186D6

# Split Complementary

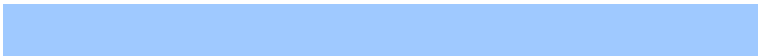
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFADE9



ABD686



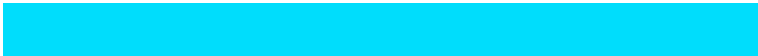
9FC9FF

# Square

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



ABD686



00DDFC



DEBAFF



FFAF97

# Rectangle

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



ABD686



4CDFC6



DEBAFF



FFA8CD



# Sweetspot

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



ABD686



F0FFE3



D6B186



77806F



000000



808080



# Same Dimension

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



ABD686



C1FF8C



86D689



656B60



4FAB00



142B00



# Inverse Universe

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



B186D6



CA8CFF



D686D3



66606B



5C00AB



17002B



# Previews

## White Background



This preview shows how the Hex color ABD686 looks on a white background.

## Color Contrast Check

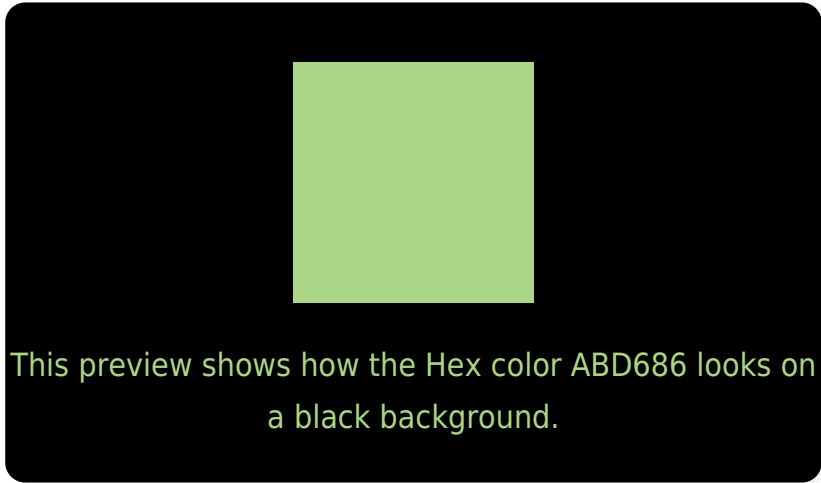
Large Text (above 18pt) WCAG AA × Fail

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

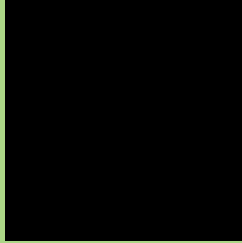
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ABD686 Background



This preview shows how black text looks on a background with the Hex color ABD686.

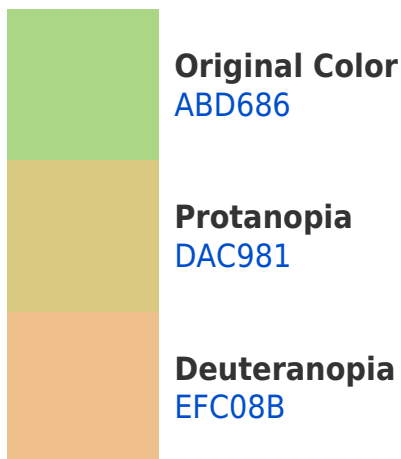


This preview shows how white text looks on a background with the Hex color ABD686.

# Color Blindness Simulation

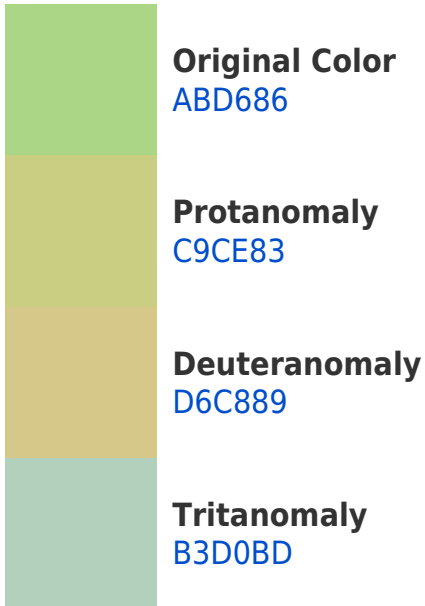
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

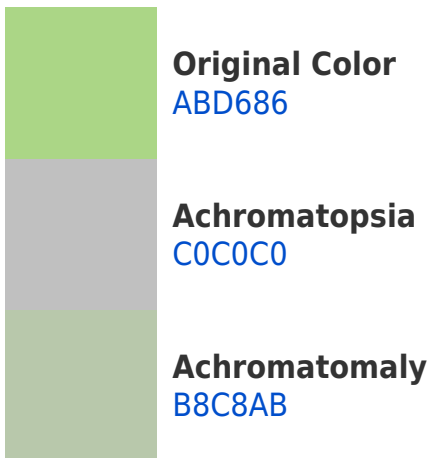




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABD686 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 #ABD686 looks like.

```
.text, #text, p{  
    color:#ABD686  
}
```

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 #ABD686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABD686
}
```

## Border

The CSS property to change the border of an element to Hex ABD686 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
#ABD686 }
```

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

```
.border{ border-color:#ABD686 }
```

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

Here you see how a box with a 4 pixel #ABD686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABD686; -webkit-box-shadow:4px 4px  
4px 4px #ABD686; box-shadow:4px 4px 4px  
4px #ABD686 }
```

# Background

The CSS property to change the background color of an element to Hex ABD686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABD686 }
```

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

```
.background{ background-color:#ABD686 }
```

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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