

# Converting Colors

Hex(6AB685)

Have a look what the booklet for  
Hex(6AB685) contains.

<b>Hex(6AB685)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(6AB685)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AB685
RGB	106, 182, 133
RGB Percent	42%, 71%, 52%
CMY	0.5843, 0.2863, 0.4784
CMYK	0.42, 0.00, 0.27, 0.29
HSL	141°, 34%, 56%
HSV	141°, 42%, 71%
XYZ	26.9054, 38.2135, 28.1482
YIQ	153.6900, -29.5670, -31.3510

# Conversions

## Conversions Part 2

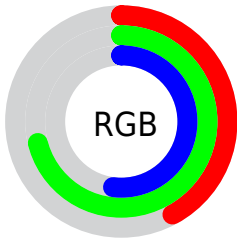
Format	Color
<a href="#">RYB</a>	<a href="#">106, 162, 182</a>
Decimal	<a href="#">6993541</a>
CIELab	<a href="#">68.18, -34.54, 17.73</a>
CIELCh	<a href="#">68, 38.819, 152.829</a>
Yxy	<a href="#">38.2135, 0.2885, 0.4097</a>
Android (android.graphics.Color)	<a href="#">4285183621 (0xFF6AB685)</a>
YUV	<a href="#">153.6900, -10.2002, -41.8241</a>
Hunter-Lab	<a href="#">61.8171, -30.4891, 16.2745</a>

# Details

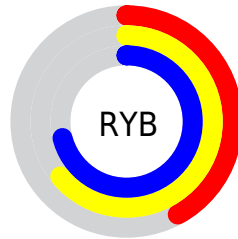
The Hex color **6AB685** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B66A9B**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A0EEBA**, and **348053** is the 20% darker color. If you saturate the color by 10%, you get **58B679**, and if you desaturate by 10%, it is **7CB691**.

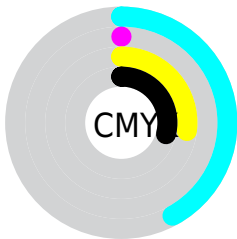
# Distribution



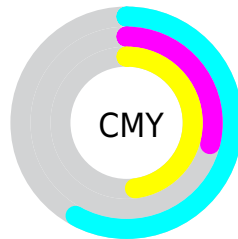
- Red (42%)
- Green (71%)
- Blue (52%)



- Red (42%)
- Yellow (64%)
- Blue (71%)



- Cyan (42%)
- Magenta (0%)
- Yellow (27%)
- Black (29%)



- Cyan (58%)
- Magenta (29%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AB685 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 6AB685 by changing the saturation by 10% instead.





6AB685



6AB685

FFFFFF



4F9B6C



A0EEBA



348053



BCFFD6



16673C



D9FFF3



004E26



F6FFFF



003711



002300



000000



6AB685



6AB685



58B679



7CB691

 46B66E

 8EB69C

 33B662

 A1B6A8

 21B656

 B3B6B4

 0FB64A

 C5B6C0

 00B641

 D7B6CB

 E9B6D7

 FCB6E3

 FFB6EF

# Harmonies

## Analogous

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



95AF6A



6AB685



35B9A8

# Triad

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



6AB685



78A9EC



E88E82

# Complementary

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



6AB685



B66A9B

# 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.



E88BA4



6AB685



AE9CE1

# Square

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



6AB685



32B2E4



D590C7



D79969

# Rectangle

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



6AB685



00B9C0



D590C7



EA8C8D



# Sweetspot

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



6AB685



CEEDD9



9BB66A



65786B



F7F7F7



787878



# Same Dimension

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



6AB685



77EDA1



6AB6AB



535C56



009C37



001C0A



# Inverse Universe

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



B66A9B



ED77C3



B66A75



5C5359



9C0064



1C0012



# Previews

## White Background



This preview shows how the Hex color 6AB685 looks on a white background.

## Color Contrast Check

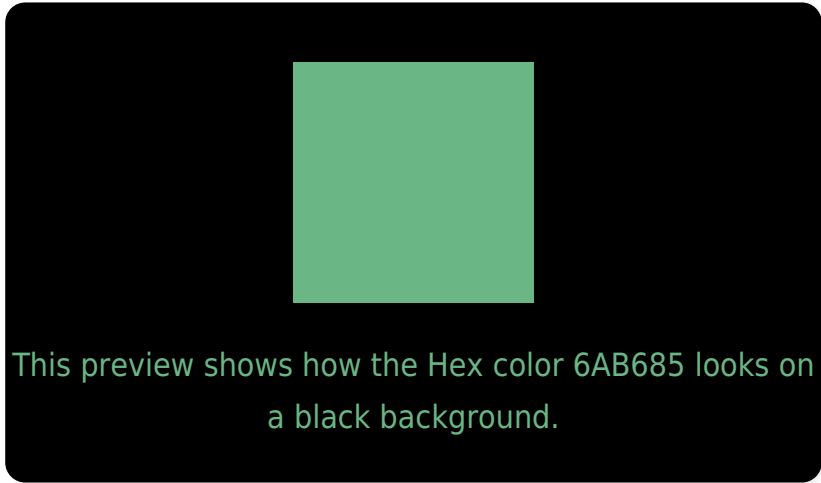
Large Text (above 18pt) WCAG AA × Fail

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 6AB685 Background



This preview shows how black text looks on a background with the Hex color 6AB685.

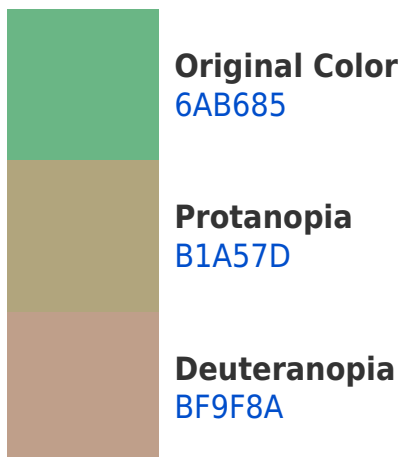


This preview shows how white text looks on a background with the Hex color 6AB685.

# 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](#).

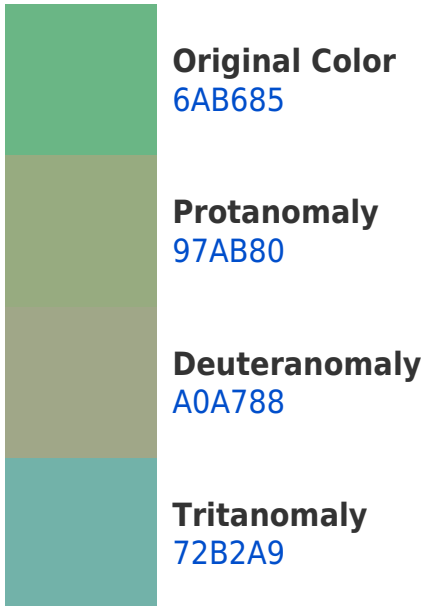
## Dichromacy





**Tritanopia**  
77AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AB685 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 #6AB685 looks like.

```
.text, #text, p{  
    color:#6AB685  
}
```

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 #6AB685 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AB685
}
```

## Border

The CSS property to change the border of an element to Hex 6AB685 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
#6AB685 }
```

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

```
.border{ border-color:#6AB685 }
```

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

Here you see how a box with a 4 pixel #6AB685 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AB685; -webkit-box-shadow:4px 4px  
4px 4px #6AB685; box-shadow:4px 4px 4px  
4px #6AB685 }
```

# Background

The CSS property to change the background color of an element to Hex 6AB685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AB685 }
```

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

```
.background{ background-color:#6AB685 }
```

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