

Converting Colors

Hex(6BC78B)

Have a look what the booklet for
Hex(6BC78B) contains.

Hex(6BC78B)	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(6BC78B)

Conversions

Conversions Part 1

Format	Color
Hex	6BC78B
RGB	107, 199, 139
RGB Percent	42%, 78%, 55%
CMY	0.5804, 0.2196, 0.4549
CMYK	0.46, 0.00, 0.30, 0.22
HSL	141°, 45%, 60%
HSV	141°, 46%, 78%
XYZ	31.1470, 45.8367, 31.6319
YIQ	164.6520, -35.5720, -38.1640

Conversions

Conversions Part 2

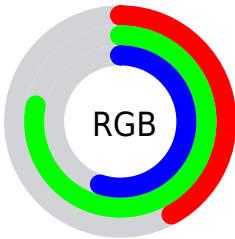
Format	Color
RYB	107, 175, 199
Decimal	7063435
CIELab	73.44, -40.80, 21.75
CIELCh	73, 46.232, 151.942
Yxy	45.8367, 0.2868, 0.4220
Android (android.graphics.Color)	4285253515 (0xFF6BC78B)
YUV	164.6520, -12.6464, -50.5608
Hunter-Lab	67.7028, -36.3601, 19.6907

Details

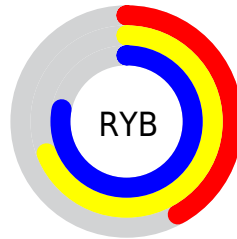
The Hex color **6BC78B** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **C76BA7**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A3FFC1**, and **329059** is the 20% darker color. If you saturate the color by 10%, you get **57C77E**, and if you desaturate by 10%, it is **7FC798**.

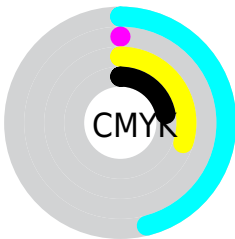
Distribution



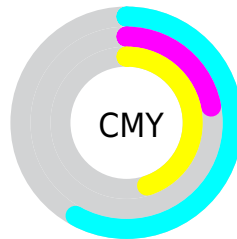
- Red (42%)
- Green (78%)
- Blue (55%)



- Red (42%)
- Yellow (69%)
- Blue (78%)



- Cyan (46%)
- Magenta (0%)
- Yellow (30%)
- Black (22%)



- Cyan (58%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BC78B 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 6BC78B by changing the saturation by 10% instead.



6BC78B



6BC78B

FFFFFF



4FAB71



A3FFC1



329059



BFFFDD



0C7641



DCFFF9



005D2A



FAFFFF



004414



002D00



001400



000000



6BC78B



6BC78B

 57C77E

 7FC798

 43C771

 93C7A5

 2FC764

 A7C7B2

 1BC757

 BBC7BF

 08C74A

 CFC7CC

 00C745

 E2C7D9

 F6C7E6

 FFC7F3

 FFC7FF

Harmonies

Analogous

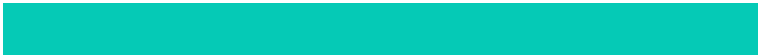
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A0BF6A



6BC78B



05CAB6

Triad

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



6BC78B



75B8FF



FF978A

Complementary

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



6BC78B



C76BA7

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.



FF92B3



6BC78B



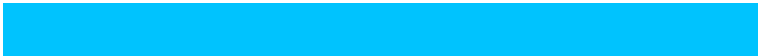
BCA8FC

Square

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



6BC78B



00C3FE



EC99DD



EFA46A

Rectangle

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



6BC78B



00CAD3



EC99DD



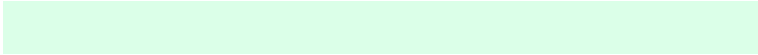
FF9497

Sweetspot

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



6BC78B



DBFFE8



A8C76B



6A8071



000000



808080

Same Dimension

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



6BC78B



73FFA4



6BC7B8



5A635D



00A339



00240C

Inverse Universe

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



C76BA7



FF73CE



C76B7A



635A60



A3006A



240017

Previews

White Background



This preview shows how the Hex color 6BC78B 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 6BC78B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

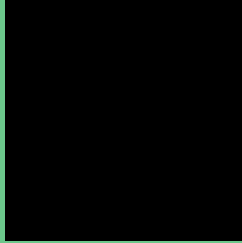
Any Text WCAG AA ✓ Pass

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 6BC78B Background



This preview shows how black text looks on a background with the Hex color 6BC78B.

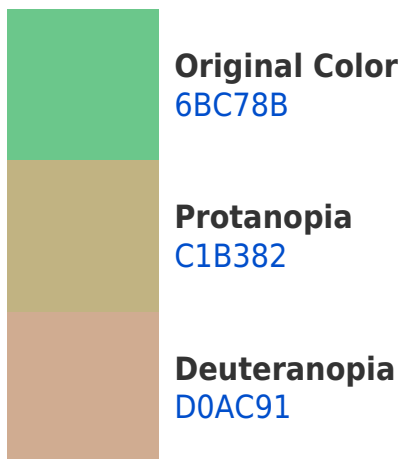


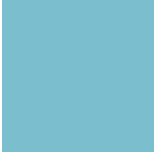
This preview shows how white text looks on a background with the Hex color 6BC78B.

Color Blindness Simulation

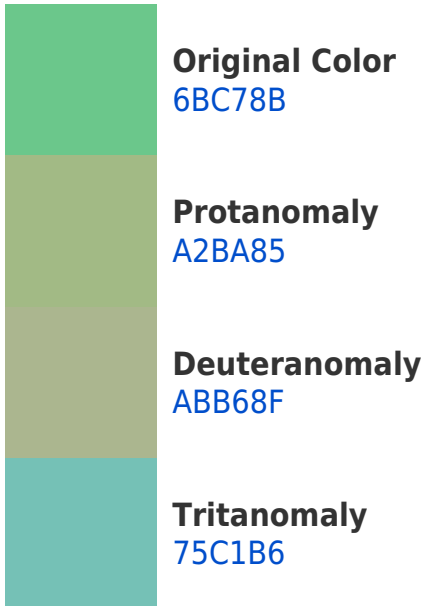
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

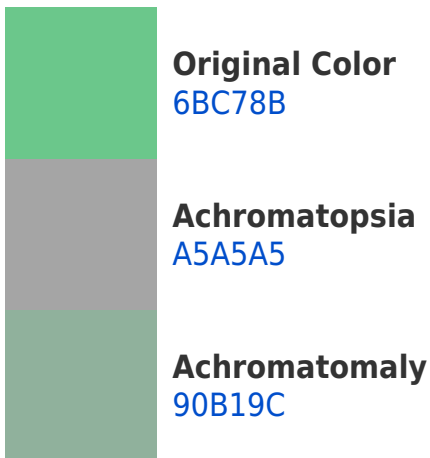




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BC78B 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 #6BC78B looks like.

```
.text, #text, p{  
    color:#6BC78B  
}
```

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 #6BC78B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BC78B
}
```

Border

The CSS property to change the border of an element to Hex 6BC78B 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
#6BC78B }
```

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

```
.border{ border-color:#6BC78B }
```

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

Here you see how a box with a 4 pixel #6BC78B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BC78B; -webkit-box-shadow:4px 4px  
4px 4px #6BC78B; box-shadow:4px 4px 4px  
4px #6BC78B }
```

Background

The CSS property to change the background color of an element to Hex 6BC78B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BC78B }
```

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

```
.background{ background-color:#6BC78B }
```

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