

Converting Colors

Hex(6EBB7C)

Have a look what the booklet for
Hex(6EBB7C) contains.

Hex(6EBB7C)	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(6EBB7C)

Conversions

Conversions Part 1

Format	Color
Hex	6EBB7C
RGB	110, 187, 124
RGB Percent	43%, 73%, 49%
CMY	0.5686, 0.2667, 0.5137
CMYK	0.41, 0.00, 0.34, 0.27
HSL	131°, 36%, 58%
HSV	131°, 41%, 73%
XYZ	27.8388, 40.3109, 25.3823
YIQ	156.7950, -25.6690, -35.9170

Conversions

Conversions Part 2

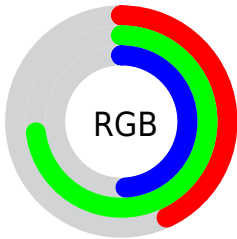
Format	Color
RYB	110, 175, 187
Decimal	7256956
CIELab	69.69, -37.30, 24.65
CIELCh	70, 44.712, 146.539
Yxy	40.3109, 0.2976, 0.4310
Android (android.graphics.Color)	4285447036 (0xFF6EBB7C)
YUV	156.7950, -16.1679, -41.0392
Hunter-Lab	63.4909, -32.8421, 20.7407

Details

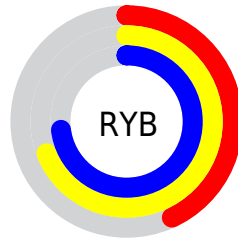
The Hex color **6EBB7C** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BB6EAD**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A5F4B1**, and **38854A** is the 20% darker color. If you saturate the color by 10%, you get **5BBB6D**, and if you desaturate by 10%, it is **81BB8B**.

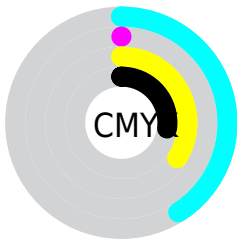
Distribution



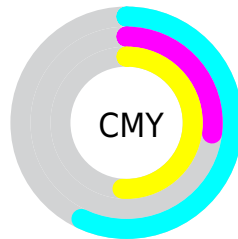
- Red (43%)
- Green (73%)
- Blue (49%)



- Red (43%)
- Yellow (69%)
- Blue (73%)



- Cyan (41%)
- Magenta (0%)
- Yellow (34%)
- Black (27%)



- Cyan (57%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EBB7C 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 6EBB7C by changing the saturation by 10% instead.

 6EBB7C

 6EBB7C

FFFFFF

 53A063

 A5F4B1

 38854A

 C1FFCD

 1A6B33

 DEFFE9

 00531D

 FBFFFF

 003B05


 002600

 000000

 6EBB7C

 6EBB7C

 5BBB6D

 81BB8B

 49BB5D


 93BB9B

 36BB4E

 A6BBAA

 23BB3F

 B9BBB9

 11BB2F

 CCBBC9

 00BB22

 DEBBD8

 F1BBE7

 FFBBF6

 FFBBFF

Harmonies

Analogous

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



9FB360



6EBB7C



23BFA4

Triad

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



6EBB7C



5E0FB



F78C88

Complementary

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



6EBB7C



BB6EAD

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.



F38AB1



6EBB7C



A7A1F3

Square

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



6EBB7C



00BAED



D893D8



E79868

Rectangle

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



6EBB7C



00BFC0



D893D8



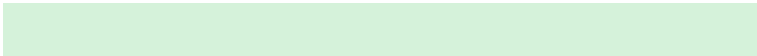
F88A95

Sweetspot

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



6EBB7C



D5F2DA



AEBB6E



697A6C



FAFAFA



7A7A7A

Same Dimension

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



6EBB7C



7CF291



6EBBA1



555E57



009E1D



001F06

Inverse Universe

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



BB6EAD



F27CDD



BB6E88



5E555D



9E0081



1F0019

Previews

White Background



This preview shows how the Hex color 6EBB7C looks on a white background.

Color Contrast Check

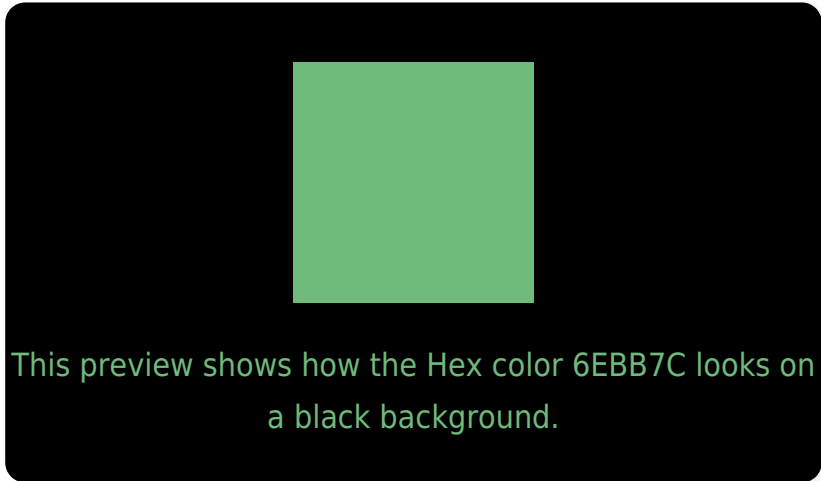
Large Text (above 18pt) WCAG AA × Fail

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

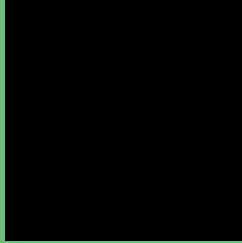
Any Text WCAG AA ✓ Pass

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 6EBB7C Background



This preview shows how black text looks on a background with the Hex color 6EBB7C.

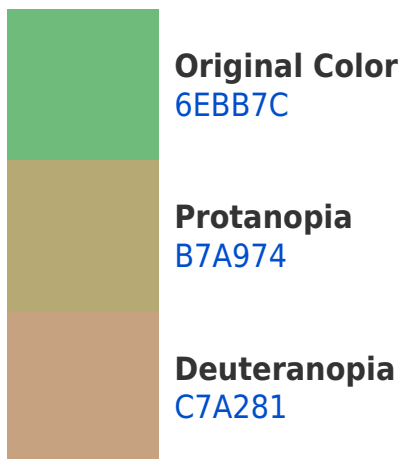


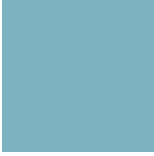
This preview shows how white text looks on a background with the Hex color 6EBB7C.

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](#).

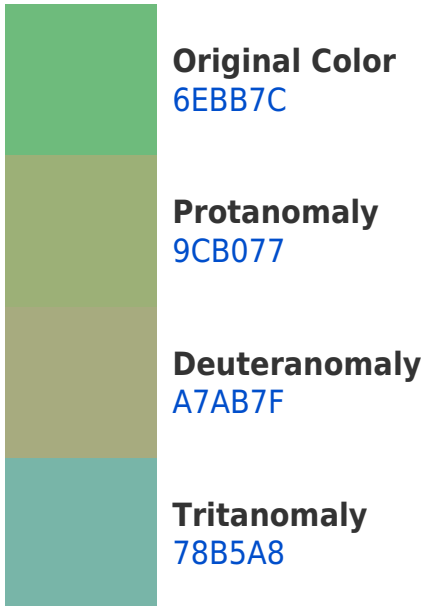
Dichromacy



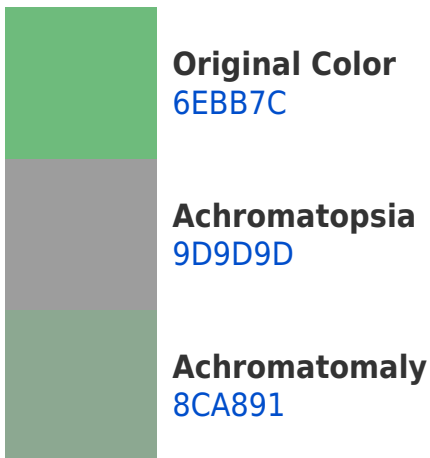


Tritanopia
7DB2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EBB7C 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 #6EBB7C looks like.

```
.text, #text, p{  
    color:#6EBB7C  
}
```

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 #6EBB7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EBB7C
}
```

Border

The CSS property to change the border of an element to Hex 6EBB7C 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
#6EBB7C }
```

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

```
.border{ border-color:#6EBB7C }
```

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

Here you see how a box with a 4 pixel #6EBB7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EBB7C; -webkit-box-shadow:4px 4px  
4px 4px #6EBB7C; box-shadow:4px 4px 4px  
4px #6EBB7C }
```

Background

The CSS property to change the background color of an element to Hex 6EBB7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EBB7C }
```

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

```
.background{ background-color:#6EBB7C }
```

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