

Converting Colors

Hex(6BBB7B)

Have a look what the booklet for
Hex(6BBB7B) contains.

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Color

Hex(6BBB7B)

Conversions

Conversions Part 1

Format	Color
Hex	6BBB7B
RGB	107, 187, 123
RGB Percent	42%, 73%, 48%
CMY	0.5804, 0.2667, 0.5176
CMYK	0.43, 0.00, 0.34, 0.27
HSL	132°, 37%, 58%
HSV	132°, 43%, 73%
XYZ	27.4089, 40.0965, 25.0337
YIQ	155.7840, -27.1360, -36.8640

Conversions

Conversions Part 2

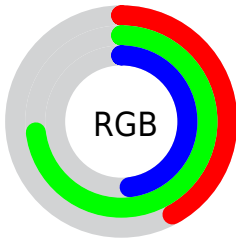
Format	Color
RYB	107, 174, 187
Decimal	7060347
CIELab	69.54, -38.36, 24.96
CIELCh	70, 45.767, 146.956
Yxy	40.0965, 0.2962, 0.4333
Android (android.graphics.Color)	4285250427 (0xFF6BBB7B)
YUV	155.7840, -16.1625, -42.7836
Hunter-Lab	63.3218, -33.5493, 20.8855

Details

The Hex color **6BBB7B** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BB6BAB**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **A2F4B0**, and **358549** is the 20% darker color. If you saturate the color by 10%, you get **58BB6C**, and if you desaturate by 10%, it is **7EBB8A**.

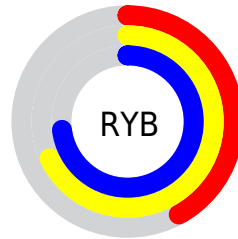
Distribution



Red (42%)

Green (73%)

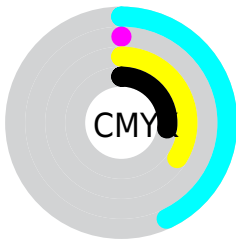
Blue (48%)



Red (42%)

Yellow (68%)

Blue (73%)

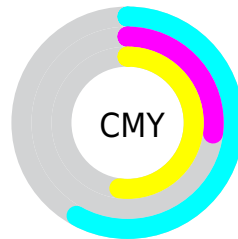


Cyan (43%)

Magenta (0%)

Yellow (34%)

Black (27%)



Cyan (58%)

Magenta (27%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BBB7B 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 6BBB7B by changing the saturation by 10% instead.

 6BBB7B

 6BBB7B

FFFFFF

 50A062

 A2F4B0

 358549

 BEFFCC

 156B32

 DBFFE8

 00521C

 F8FFFF

 003B04

 002600

 000000

 6BBB7B

 6BBB7B

 58BB6C

 7EBB8A

 46BB5D

 90BB99

 33BB4E

 A3BBA8

 20BB3F

 B6BBB7

 0DBB30

 C9BBC6

 00BB25

 DBBBD5

 EEBBE4

 FFBBF3

 FFBBFF

Harmonies

Analogous

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



9DB35E



6BBB7B



14BFA4

Triad

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



6BBB7B



5BAFFC



F88B86

Complementary

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



6BBB7B



BB6BAB

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.



F488B0



6BBB7B



A7A1F4

Square

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



6BBB7B



00BAEE



DA91D8



E79765

Rectangle

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



6BBB7B



00BFC1



DA91D8



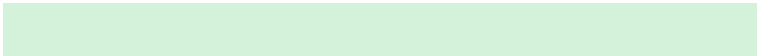
F98994

Sweetspot

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



6BBB7B



D3F2D9



ABBB6B



677A6B



FAFAFA



7A7A7A

Same Dimension

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



6BBB7B



77F28F



6BBBA3



555E57



009E20



001F06

Inverse Universe

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



BB6BAB



F277DA



BB6B83



5E555C



9E007E



1F0018

Previews

White Background



This preview shows how the Hex color 6BBB7B looks on a white background.

Color Contrast Check

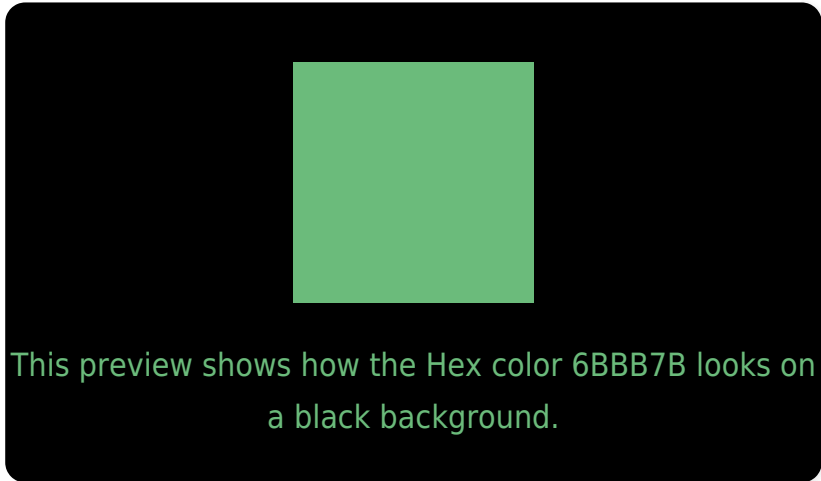
Large Text (above 18pt) WCAG AA × Fail

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 6BBB7B Background



This preview shows how black text looks on a background with the Hex color 6BBB7B.

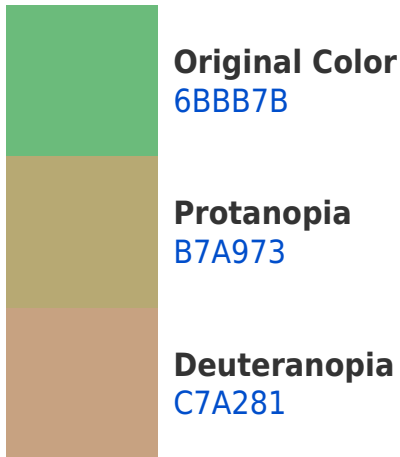


This preview shows how white text looks on a background with the Hex color 6BBB7B.

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](#).

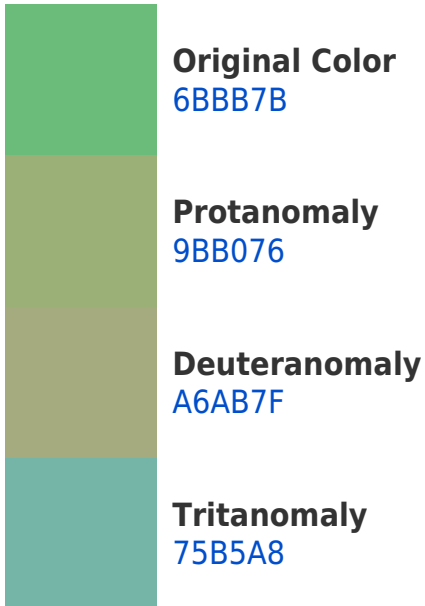
Dichromacy



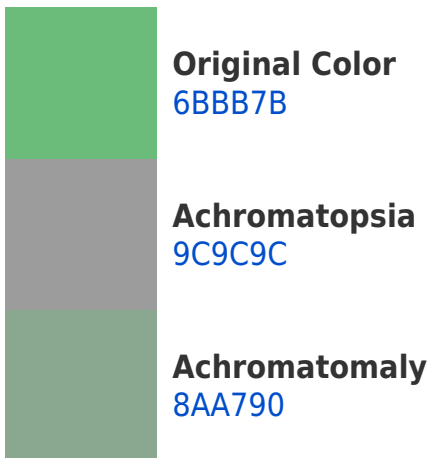


Tritanopia
7AB2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BBB7B 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 #6BBB7B looks like.

```
.text, #text, p{  
    color:#6BBB7B  
}
```

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 #6BBB7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BBB7B
}
```

Border

The CSS property to change the border of an element to Hex 6BBB7B 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
#6BBB7B }
```

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

```
.border{ border-color:#6BBB7B }
```

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

Here you see how a box with a 4 pixel #6BBB7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BBB7B; -webkit-box-shadow:4px 4px  
4px 4px #6BBB7B; box-shadow:4px 4px 4px  
4px #6BBB7B }
```

Background

The CSS property to change the background color of an element to Hex 6BBB7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BBB7B }
```

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

```
.background{ background-color:#6BBB7B }
```

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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