

Converting Colors

Hex(6BBB7D)

Have a look what the booklet for
Hex(6BBB7D) contains.

Hex(6BBB7D)	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(6BBB7D)

Conversions

Conversions Part 1

Format	Color
Hex	6BBB7D
RGB	107, 187, 125
RGB Percent	42%, 73%, 49%
CMY	0.5804, 0.2667, 0.5098
CMYK	0.43, 0.00, 0.33, 0.27
HSL	134°, 37%, 58%
HSV	134°, 43%, 73%
XYZ	27.5354, 40.1471, 25.6999
YIQ	156.0120, -27.7780, -36.2420

Conversions

Conversions Part 2

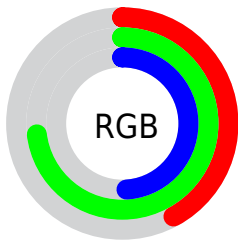
Format	Color
RYB	107, 172, 187
Decimal	7060349
CIELab	69.57, -38.01, 23.94
CIElCh	70, 44.923, 147.796
Yxy	40.1471, 0.2949, 0.4299
Android (android.graphics.Color)	4285250429 (0xFF6BBB7D)
YUV	156.0120, -15.2889, -42.9835
Hunter-Lab	63.3618, -33.3115, 20.3048

Details

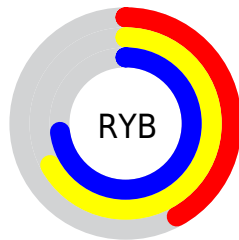
The Hex color **6BBB7D** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BB6BA9**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **A2F4B2**, and **35854B** is the 20% darker color. If you saturate the color by 10%, you get **58BB6F**, and if you desaturate by 10%, it is **7EBB8B**.

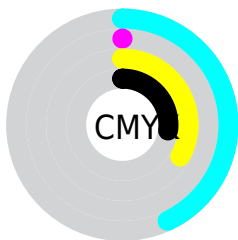
Distribution



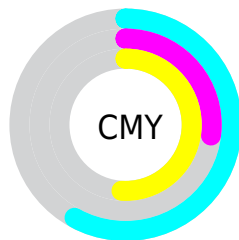
- Red (42%)
- Green (73%)
- Blue (49%)



- Red (42%)
- Yellow (67%)
- Blue (73%)



- Cyan (43%)
- Magenta (0%)
- Yellow (33%)
- Black (27%)



- Cyan (58%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BBB7D 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 6BBB7D by changing the saturation by 10% instead.

 6BBB7D

 6BBB7D

FFFFFF

 50A064

 A2F4B2

 35854B

 BEFFCE

 156B34

 DBFFEA

 00521E

 F8FFFF

 003B07

 002600

 000000

 6BBB7D

 6BBB7D

 58BB6F

 7EBB8B

 46BB60

 90BB9A

 33BB52

 A3BBA8

 20BB43

 B6BBB7

 0DBB35

 C9BBC5

 00BB2A

 DBBBD4

 EEbbe2

 FFBBF1

 FFBBFF

Harmonies

Analogous

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



9DB360



6BBB7D



1ABFA5

Triad

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



6BBB7D



61AFFB



F78C86

Complementary

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



6BBB7D



BB6BA9

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.



F489AF



6BBB7D



A9A0F2

Square

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



6BBB7D



00B9EE



DA92D6



E59866

Rectangle

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



6BBB7D



00BFC1



DA92D6



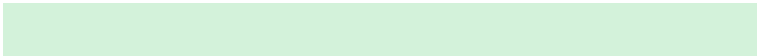
F88A93

Sweetspot

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



6BBB7D



D3F2DA



AABB6B



677A6B



FAFAFA



7A7A7A

Same Dimension

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



6BBB7D



77F293



6BBBA4



555E57



009E24



001F07

Inverse Universe

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



BB6BA9



F277D6



BB6B82



5E555C



9E007B



1F0018

Previews

White Background



This preview shows how the Hex color 6BBB7D 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 6BBB7D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

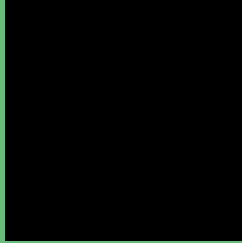
Any Text WCAG AA ✓ Pass

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 6BBB7D Background



This preview shows how black text looks on a background with the Hex color 6BBB7D.

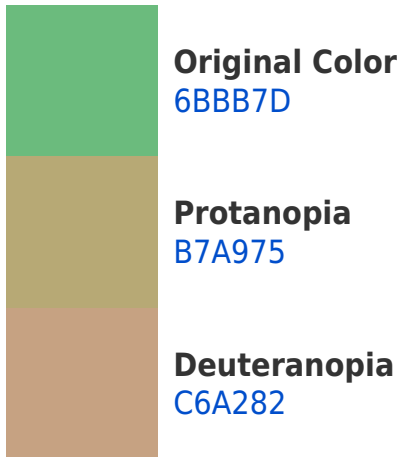


This preview shows how white text looks on a background with the Hex color 6BBB7D.

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
7AB3C1

Trichromacy



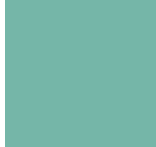
Original Color
6BBB7D



Protanomaly
9BB078



Deuteranomaly
A5AB80



Tritanomaly
75B6A8

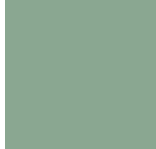
Monochromacy



Original Color
6BBB7D



Achromatopsia
9C9C9C



Achromatomaly
8AA791

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BBB7D 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 #6BBB7D looks like.

```
.text, #text, p{  
    color:#6BBB7D  
}
```

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 #6BBB7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BBB7D
}
```

Border

The CSS property to change the border of an element to Hex 6BBB7D 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
#6BBB7D }
```

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

```
.border{ border-color:#6BBB7D }
```

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

Here you see how a box with a 4 pixel #6BBB7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BBB7D; -webkit-box-shadow:4px 4px  
4px 4px #6BBB7D; box-shadow:4px 4px 4px  
4px #6BBB7D }
```

Background

The CSS property to change the background color of an element to Hex 6BBB7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BBB7D }
```

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

```
.background{ background-color:#6BBB7D }
```

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