

Converting Colors

Hex(66B797)

Have a look what the booklet for
Hex(66B797) contains.

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Color

Hex(66B797)

Conversions

Conversions Part 1

Format	Color
Hex	66B797
RGB	102, 183, 151
RGB Percent	40%, 72%, 59%
CMY	0.6000, 0.2824, 0.4078
CMYK	0.44, 0.00, 0.17, 0.28
HSL	156°, 36%, 56%
HSV	156°, 44%, 72%
XYZ	27.9989, 38.9261, 35.3160
YIQ	155.1330, -38.0040, -27.1240

Conversions

Conversions Part 2

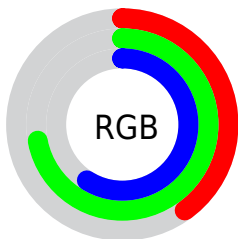
Format	Color
RYB	102, 152, 183
Decimal	6731671
CIELab	68.70, -32.39, 8.62
CIElCh	69, 33.514, 165.103
Yxy	38.9261, 0.2739, 0.3807
Android (android.graphics.Color)	4284921751 (0xFF66B797)
YUV	155.1330, -2.0376, -46.5976
Hunter-Lab	62.3908, -29.0791, 10.1128

Details

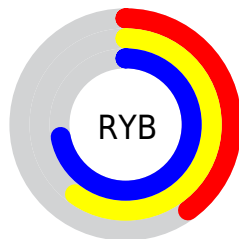
The Hex color **66B797** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B76686**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **9DEFCD**, and **2F8164** is the 20% darker color. If you saturate the color by 10%, you get **54B790**, and if you desaturate by 10%, it is **78B79E**.

Distribution



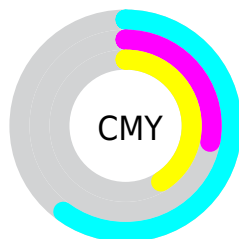
- Red (40%)
- Green (72%)
- Blue (59%)



- Red (40%)
- Yellow (60%)
- Blue (72%)



- Cyan (44%)
- Magenta (0%)
- Yellow (17%)
- Black (28%)



- Cyan (60%)
- Magenta (28%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66B797 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 66B797 by changing the saturation by 10% instead.



66B797



66B797

FFFFFF



4B9C7D



9DEFCD



2F8164



B9FFE9



0B684C



D6FFFF



004F35



F3FFFF



003820



002309



000000



66B797



66B797



54B790



78B79E

 41B789

 8BB7A5

 2FB781

 9DB7AD

 1DB77A

 AFB7B4

 0BB773

 C2B7BB

 00B76F

 D4B7C2

 E6B7CA

 F8B7D1

 FFB7D8

Harmonies

Analogous

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



8BB27C



66B797



44B8B6

Triad

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



66B797



96A5E2



DD977E

Complementary

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



66B797



B76686

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.



E49199



66B797



BF9AD3

Square

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



66B797



66AFE2



DA92B8



CAA16D

Rectangle

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



66B797



3BB7C9



DA92B8



E19486

Sweetspot

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



66B797



CEEDE1



86B766



657870



F7F7F7



787878

Same Dimension

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



66B797



6FEDBB



66AFB7



535C58



009C5E



001C11

Inverse Universe

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



B76686



ED6FA1



B76E66



5C5356



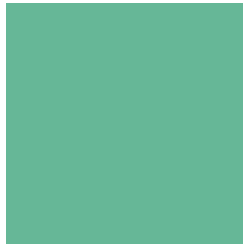
9C003D



1C000B

Previews

White Background



This preview shows how the Hex color 66B797 looks on a white background.

Color Contrast Check

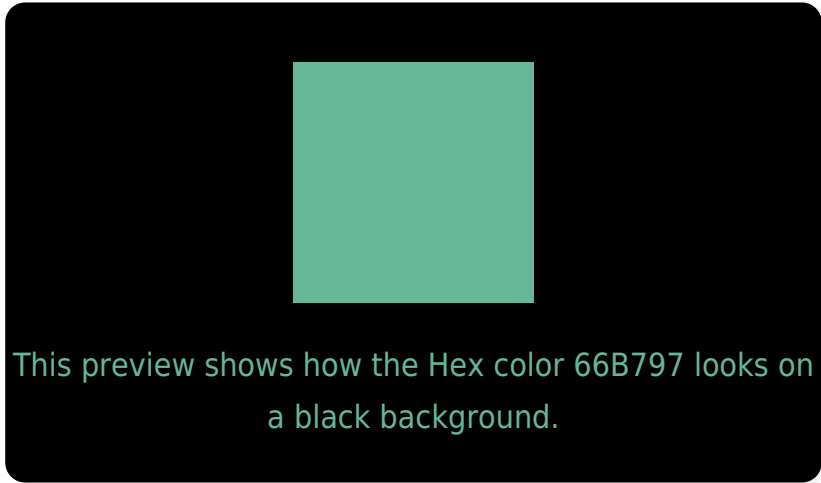
Large Text (above 18pt) WCAG AA × Fail

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

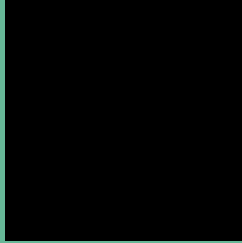
Any Text WCAG AA ✓ Pass

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 66B797 Background



This preview shows how black text looks on a background with the Hex color 66B797.

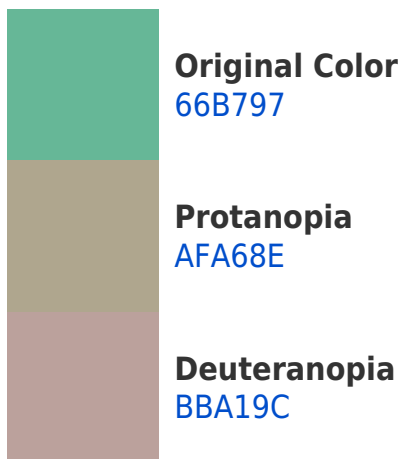


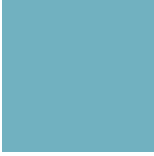
This preview shows how white text looks on a background with the Hex color 66B797.

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
71B1C0

Trichromacy



Original Color
66B797



Protanomaly
94AC91



Deuteranomaly
9CA99A



Tritanomaly
6DB3B1

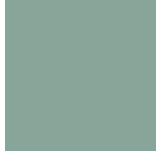
Monochromacy



Original Color
66B797



Achromatopsia
9B9B9B



Achromatomaly
88A59A

CSS Examples

Text

The CSS property to change the color of the text to Hex 66B797 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 #66B797 looks like.

```
.text, #text, p{  
    color:#66B797  
}
```

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 #66B797 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66B797  
}
```

Border

The CSS property to change the border of an element to Hex 66B797 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  
#66B797 }
```

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

```
.border{ border-color:#66B797 }
```

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

Here you see how a box with a 4 pixel #66B797 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66B797; -webkit-box-shadow:4px 4px  
4px 4px #66B797; box-shadow:4px 4px 4px  
4px #66B797 }
```

Background

The CSS property to change the background color of an element to Hex 66B797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66B797 }
```

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

```
.background{ background-color:#66B797 }
```

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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