

Converting Colors

Hex(66B999)

Have a look what the booklet for
Hex(66B999) contains.

Hex(66B999)	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(66B999)

Conversions

Conversions Part 1

Format	Color
Hex	66B999
RGB	102, 185, 153
RGB Percent	40%, 73%, 60%
CMY	0.6000, 0.2745, 0.4000
CMYK	0.45, 0.00, 0.17, 0.27
HSL	157°, 37%, 56%
HSV	157°, 45%, 73%
XYZ	28.5782, 39.8226, 36.3173
YIQ	156.5350, -39.1960, -27.5480

Conversions

Conversions Part 2

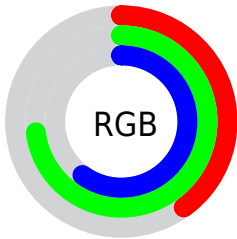
Format	Color
RYB	102, 153, 185
Decimal	6732185
CIELab	69.34, -32.89, 8.44
CIELCh	69, 33.957, 165.605
Yxy	39.8226, 0.2729, 0.3803
Android (android.graphics.Color)	4284922265 (0xFF66B999)
YUV	156.5350, -1.7428, -47.8272
Hunter-Lab	63.1052, -29.5973, 10.0520

Details

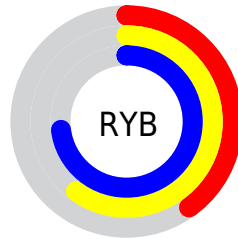
The Hex color **66B999** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B96686**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **9DF2CF**, and **2E8366** is the 20% darker color. If you saturate the color by 10%, you get **54B992**, and if you desaturate by 10%, it is **79B9A0**.

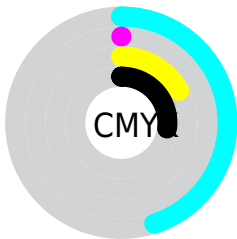
Distribution



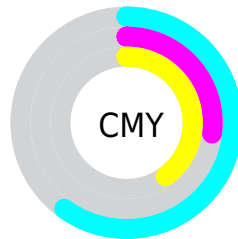
- Red (40%)
- Green (73%)
- Blue (60%)



- Red (40%)
- Yellow (60%)
- Blue (73%)



- Cyan (45%)
- Magenta (0%)
- Yellow (17%)
- Black (27%)



- Cyan (60%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66B999 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 66B999 by changing the saturation by 10% instead.

 66B999

 66B999

FFFFFF

 4B9E7F

 9DF2CF

 2E8366

 B9FFEC

 096A4E

 D6FFFF

 005137

 F3FFFF

 003922

 00240C

 000000

 66B999

 66B999

 54B992

 79B9A0

 41B98B

 8BB9A7

 2FB984

 9DB9AE

 1CB97C

 B0B9B6

 09B975

 C3B9BD

 00B972

 D5B9C4

 E8B9CB

 FAB9D2

 FFB9D9

Harmonies

Analogous

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



8BB47D



66B999



43BAB9

Triad

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



66B999



98A7E4



E0987F

Complementary

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



66B999



B96686

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.



E6929A



66B999



C19CD5

Square

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



66B999



67B1E4



DC94B9



CBA26E

Rectangle

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



66B999



3AB9CC



DC94B9



E39687

Sweetspot

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



66B999



D1F0E4



87B966



657870



F7F7F7



787878

Same Dimension

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



66B999



6EF0BE



66B1B9



535C58



009C60



001C11

Inverse Universe

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



B96686



F06EA0



B96E66



5C5356



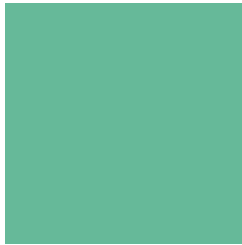
9C003C



1C000B

Previews

White Background



This preview shows how the Hex color 66B999 looks on a white background.

Color Contrast Check

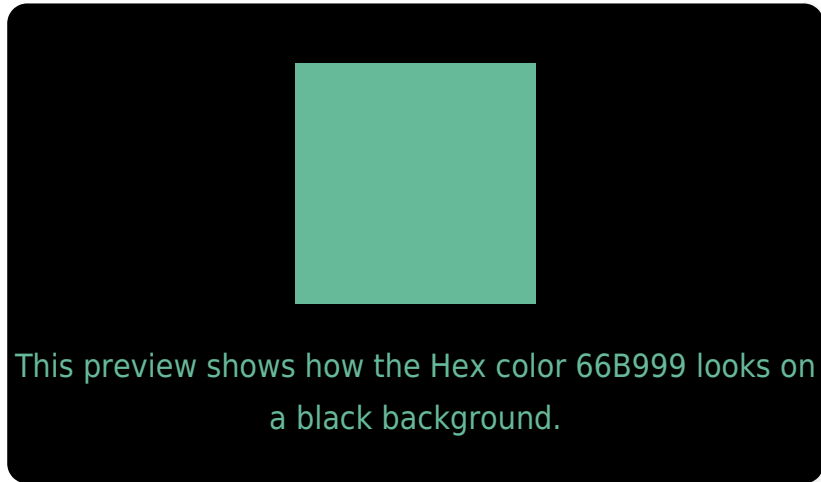
Large Text (above 18pt) WCAG AA × Fail

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

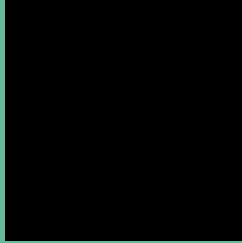
Any Text WCAG AA ✓ Pass

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 66B999 Background



This preview shows how black text looks on a background with the Hex color 66B999.

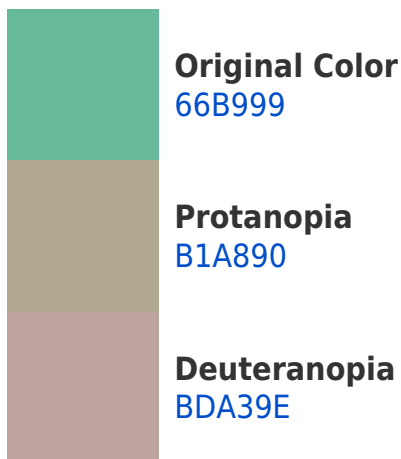


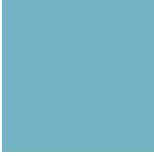
This preview shows how white text looks on a background with the Hex color 66B999.

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
71B3C2

Trichromacy



Original Color
66B999



Protanomaly
96AE93



Deuteranomaly
9DAB9C



Tritanomaly
6DB5B3

Monochromacy



Original Color
66B999



Achromatopsia
9D9D9D



Achromatomaly
89A79C

CSS Examples

Text

The CSS property to change the color of the text to Hex 66B999 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 #66B999 looks like.

```
.text, #text, p{  
    color:#66B999  
}
```

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 #66B999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66B999
}
```

Border

The CSS property to change the border of an element to Hex 66B999 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
#66B999 }
```

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

```
.border{ border-color:#66B999 }
```

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

Here you see how a box with a 4 pixel #66B999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66B999; -webkit-box-shadow:4px 4px  
4px 4px #66B999; box-shadow:4px 4px 4px  
4px #66B999 }
```

Background

The CSS property to change the background color of an element to Hex 66B999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66B999 }
```

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

```
.background{ background-color:#66B999 }
```

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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