

Converting Colors

Hex(66BE8B)

Have a look what the booklet for
Hex(66BE8B) contains.

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Color

Hex(66BE8B)

Conversions

Conversions Part 1

Format	Color
Hex	66BE8B
RGB	102, 190, 139
RGB Percent	40%, 75%, 55%
CMY	0.6000, 0.2549, 0.4549
CMYK	0.46, 0.00, 0.27, 0.25
HSL	145°, 40%, 57%
HSV	145°, 46%, 75%
XYZ	28.5531, 41.5158, 30.9345
YIQ	157.8740, -36.0770, -34.5170

Conversions

Conversions Part 2

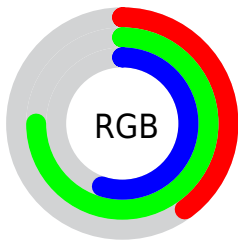
Format	Color
RYB	102, 164, 190
Decimal	6733451
CIELab	70.54, -38.13, 17.72
CIElCh	71, 42.046, 155.074
Yxy	41.5158, 0.2827, 0.4110
Android (android.graphics.Color)	4284923531 (0xFF66BE8B)
YUV	157.8740, -9.3049, -49.0015
Hunter-Lab	64.4327, -33.6556, 16.6374

Details

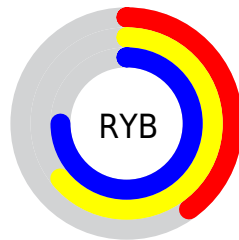
The Hex color **66BE8B** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BE6699**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **9DF7C1**, and **2E8859** is the 20% darker color. If you saturate the color by 10%, you get **53BE80**, and if you desaturate by 10%, it is **79BE96**.

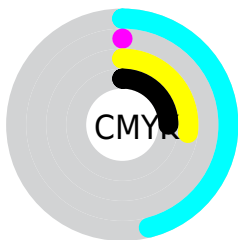
Distribution



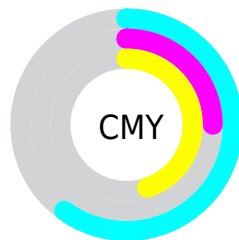
- Red (40%)
- Green (75%)
- Blue (55%)



- Red (40%)
- Yellow (64%)
- Blue (75%)



- Cyan (46%)
- Magenta (0%)
- Yellow (27%)
- Black (25%)



- Cyan (60%)
- Magenta (25%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66BE8B 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 66BE8B by changing the saturation by 10% instead.



66BE8B



66BE8B

FFFFFF



4AA371



9DF7C1



2E8859



BAFFDD



056E41



D6FFF9



00552B



F4FFFF



003D15



002700



000400



000000



66BE8B



66BE8B

 53BE80

 79BE96

 40BE75

 8CBEA1

 2DBE6A

 9FBEAC

 1ABE5F

 B2BEB7

 07BE54

 C5BEC2

 00BE50

 D8BECD

 EBBED8

 FEBEE3

 FFBEED

Harmonies

Analogous

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



96B76C



66BE8B



1FC1B2

Triad

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



66BE8B



7DAEF8



F39383

Complementary

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



66BE8B



BE6699

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.



F58EA7



66BE8B



B9A0EB

Square

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



66BE8B



27B9F1



E293CD



DF9F68

Rectangle

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



66BE8B



00C0CC



E293CD



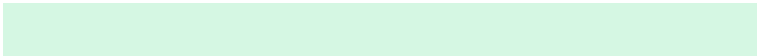
F6908E

Sweetspot

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



66BE8B



D5F7E3



99BE66



687D71



FCFCFC



7D7D7D

Same Dimension

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



66BE8B



6DF7A7



66BEB7



555E59



009E42



001F0D

Inverse Universe

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



BE6699



F76DBD



BE666D



5E555A



9E005C



1F0012

Previews

White Background



This preview shows how the Hex color 66BE8B looks on a white background.

Color Contrast Check

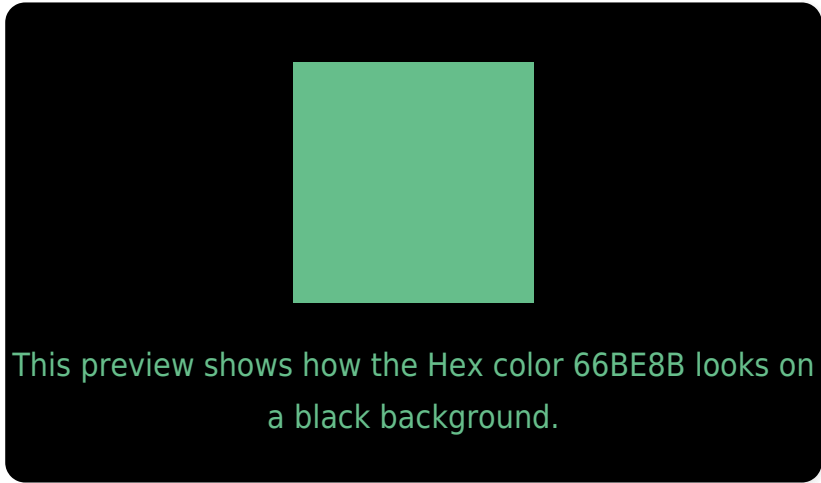
Large Text (above 18pt) WCAG AA × Fail

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

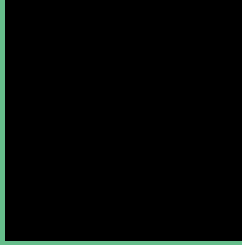
Any Text WCAG AA ✓ Pass

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 66BE8B Background



This preview shows how black text looks on a background with the Hex color 66BE8B.



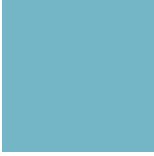
This preview shows how white text looks on a background with the Hex color 66BE8B.

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
74B6C5

Trichromacy



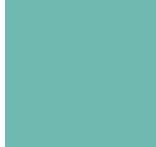
Original Color
66BE8B



Protanomaly
9AB285



Deuteranomaly
A3AE8E



Tritanomaly
6FB9B0

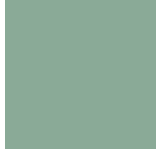
Monochromacy



Original Color
66BE8B



Achromatopsia
9E9E9E



Achromatomaly
8AAA97

CSS Examples

Text

The CSS property to change the color of the text to Hex 66BE8B 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 #66BE8B looks like.

```
.text, #text, p{  
    color:#66BE8B  
}
```

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 #66BE8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66BE8B
}
```

Border

The CSS property to change the border of an element to Hex 66BE8B 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
#66BE8B }
```

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

```
.border{ border-color:#66BE8B }
```

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

Here you see how a box with a 4 pixel #66BE8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66BE8B; -webkit-box-shadow:4px 4px  
4px 4px #66BE8B; box-shadow:4px 4px 4px  
4px #66BE8B }
```

Background

The CSS property to change the background color of an element to Hex 66BE8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66BE8B }
```

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

```
.background{ background-color:#66BE8B }
```

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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