

Converting Colors

Hex(8BB177)

Have a look what the booklet for
Hex(8BB177) contains.

Hex(8BB177)	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(8BB177)

Conversions

Conversions Part 1

Format	Color
Hex	8BB177
RGB	139, 177, 119
RGB Percent	55%, 69%, 47%
CMY	0.4549, 0.3059, 0.5333
CMYK	0.21, 0.00, 0.33, 0.31
HSL	99°, 27%, 58%
HSV	99°, 33%, 69%
XYZ	29.6994, 38.2652, 23.2734
YIQ	159.0260, -4.0300, -26.0940

Conversions

Conversions Part 2

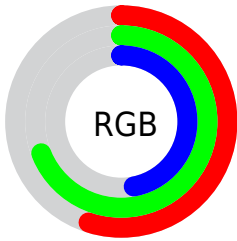
Format	Color
RYB	119, 177, 157
Decimal	9154935
CIELab	68.22, -23.71, 25.62
CIElCh	68, 34.904, 132.781
Yxy	38.2652, 0.3255, 0.4194
Android (android.graphics.Color)	4287345015 (0xFF8BB177)
YUV	159.0260, -19.7328, -17.5628
Hunter-Lab	61.8588, -22.5524, 20.9943

Details

The Hex color **8BB177** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **9D77B1**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **C1E9AC**, and **587C46** is the 20% darker color. If you saturate the color by 10%, you get **7FB165**, and if you desaturate by 10%, it is **97B189**.

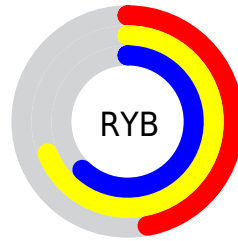
Distribution



Red (55%)

Green (69%)

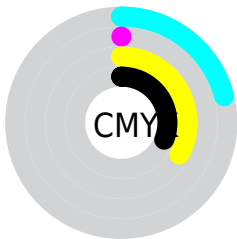
Blue (47%)



Red (47%)

Yellow (69%)

Blue (62%)

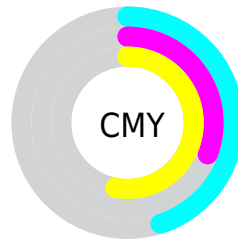


Cyan (21%)

Magenta (0%)

Yellow (33%)

Black (31%)



Cyan (45%)

Magenta (31%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BB177 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 8BB177 by changing the saturation by 10% instead.

 8BB177

FFFFFF

 C1E9AC

 DEFFC7

 FAFFE3

 8BB177

 71965E

 587C46

 3F632F

 274B18

 103400

 002000

 000000

 8BB177

 7FB165

 8BB177

 97B189

 74B154

 A2B19A

 68B142

 AEB1AC

 5DB130

 B9B1BE

 51B11F

 C5B1D0

 45B10D

 D1B1E1

 3DB100

 DCB1F3

 E8B1FF

 F3B1FF

Harmonies

Analogous

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



AEA968



8BB177



64B693

Triad

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



8BB177



5CAFE2



E48E9A

Complementary

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



8BB177



9D77B1

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.



D990BA



8BB177



8FA5E3

Square

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



8BB177



31B5D0



BB99D5



DF947D

Rectangle

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



8BB177



49B7A8



BB99D5



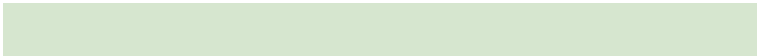
E28EA5

Sweetspot

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



8BB177



D6E6CF



B19D77



6A7365



F2F2F2



737373

Same Dimension

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



8BB177



ABE68C



77B180



535950



359900



091A00

Inverse Universe

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



9D77B1



C78CE6



B177A8



565059



640099



11001A

Previews

White Background



This preview shows how the Hex color 8BB177 looks on a white background.

Color Contrast Check

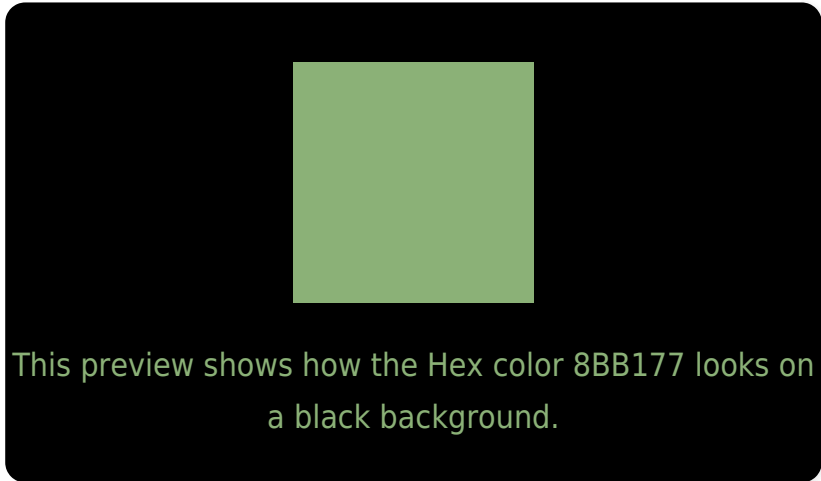
Large Text (above 18pt) WCAG AA × Fail

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

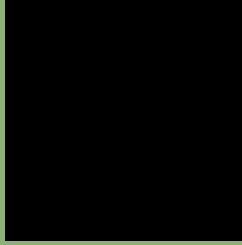
Any Text WCAG AA ✓ Pass

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 8BB177 Background



This preview shows how black text looks on a background with the Hex color 8BB177.

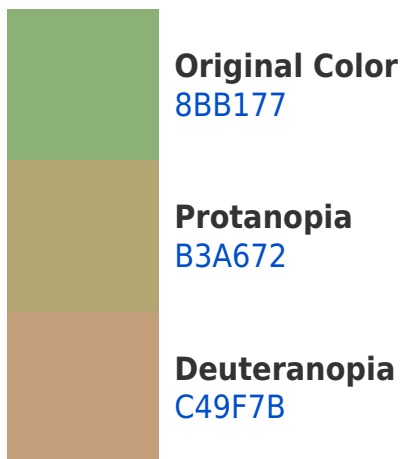


This preview shows how white text looks on a background with the Hex color 8BB177.

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](#).

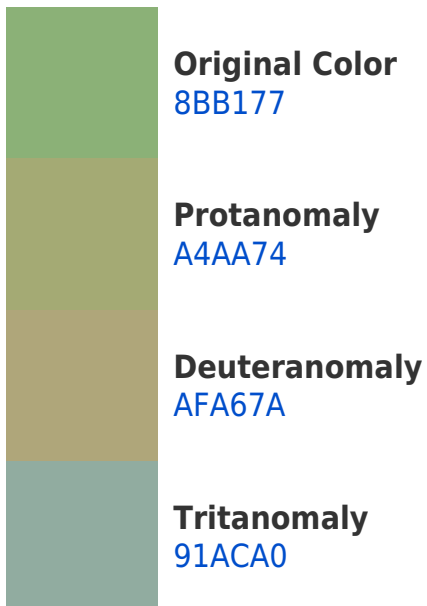
Dichromacy



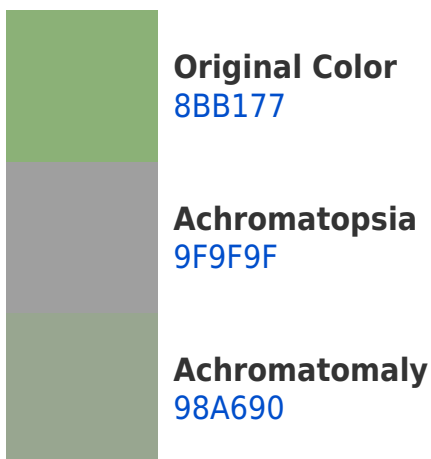


Tritanopia
95A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8BB177 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 #8BB177 looks like.

```
.text, #text, p{  
    color:#8BB177  
}
```

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 #8BB177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BB177
}
```

Border

The CSS property to change the border of an element to Hex 8BB177 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
#8BB177 }
```

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

```
.border{ border-color:#8BB177 }
```

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

Here you see how a box with a 4 pixel #8BB177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BB177; -webkit-box-shadow:4px 4px  
4px 4px #8BB177; box-shadow:4px 4px 4px  
4px #8BB177 }
```

Background

The CSS property to change the background color of an element to Hex 8BB177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BB177 }
```

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

```
.background{ background-color:#8BB177 }
```

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