

Converting Colors

Hex(8CC77B)

Have a look what the booklet for
Hex(8CC77B) contains.

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Color

Hex(8CC77B)

Conversions

Conversions Part 1

Format	Color
Hex	8CC77B
RGB	140, 199, 123
RGB Percent	55%, 78%, 48%
CMY	0.4510, 0.2196, 0.5176
CMYK	0.30, 0.00, 0.38, 0.22
HSL	107°, 40%, 63%
HSV	107°, 38%, 78%
XYZ	34.8138, 47.8524, 26.1404
YIQ	172.6950, -10.7680, -36.1440

Conversions

Conversions Part 2

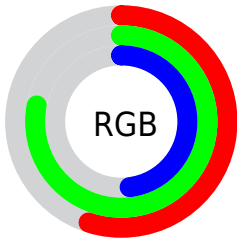
Format	Color
RYB	123, 199, 182
Decimal	9226107
CIELab	74.73, -33.34, 32.13
CIELCh	75, 46.303, 136.057
Yxy	47.8524, 0.3200, 0.4398
Android (android.graphics.Color)	4287416187 (0xFF8CC77B)
YUV	172.6950, -24.4996, -28.6735
Hunter-Lab	69.1754, -31.2235, 26.0179

Details

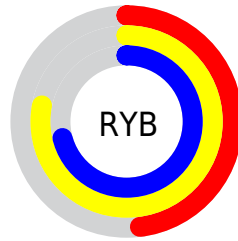
The Hex color **8CC77B** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B67BC7**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **C3FFB0**, and **579149** is the 20% darker color. If you saturate the color by 10%, you get **7DC767**, and if you desaturate by 10%, it is **9BC78F**.

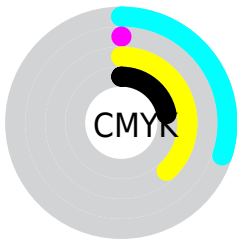
Distribution



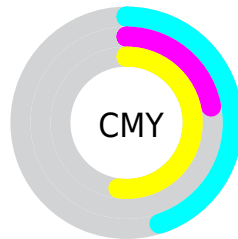
- Red (55%)
- Green (78%)
- Blue (48%)



- Red (48%)
- Yellow (78%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (38%)
- Black (22%)



- Cyan (45%)
- Magenta (22%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CC77B 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 8CC77B by changing the saturation by 10% instead.

 8CC77B

 8CC77B

FFFFFF

 71AB62

 C3FFB0

 579149

 E0FFCC

 3D7731


 FDFFE8

 235E19

 024501

 002E00

 001900

 000000

 8CC77B

 8CC77B

 7DC767

 9BC78F

 6DC753

 ABC7A3

 5EC73F

 BAC7B7

 4EC72B

 CAC7CB

 3FC718

 D9C7DF

 2FC704

 E9C7F2

 2DC700

 F8C7FF

 FFC7FF

Harmonies

Analogous

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



BCBD64



8CC77B



4FCDA2

Triad

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



8CC77B



46C2FF



FF96A2

Complementary

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



8CC77B



B67BC7

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.



FE98CE



8CC77B



9DB4FF

Square

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



8CC77B



00CBF4



D9A4F3



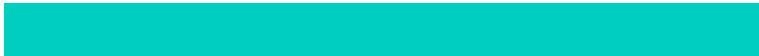
FFA07C

Rectangle

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



8CC77B



00CEBF



D9A4F3



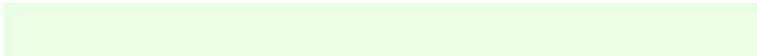
FF95B1

Sweetspot

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



8CC77B



E9FFE3



C7B57B



73806F



000000



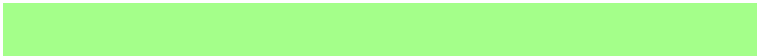
808080

Same Dimension

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



8CC77B



A4FF8A



7BC78F



5C635A



25A300



082400

Inverse Universe

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



B67BC7



E58AFF



C77BB3



615A63



7F00A3



1C0024

Previews

White Background



This preview shows how the Hex color 8CC77B looks on a white background.

Color Contrast Check

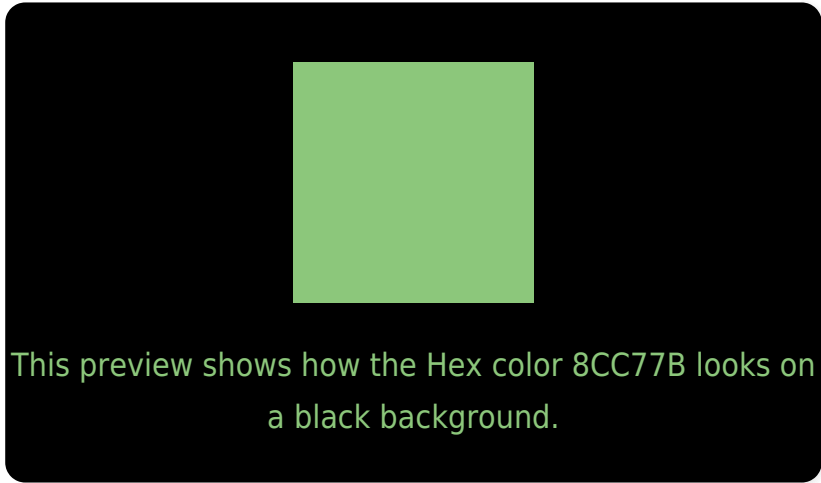
Large Text (above 18pt) WCAG AA × Fail

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 8CC77B Background



This preview shows how black text looks on a background with the Hex color 8CC77B.

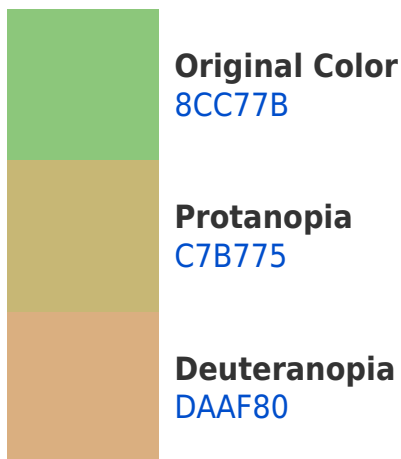


This preview shows how white text looks on a background with the Hex color 8CC77B.

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



Trichromacy



Original Color
8CC77B



Protanomaly
B2BD77



Deuteranomaly
BEB87E



Tritanomaly
95C1AF

Monochromacy



Original Color
8CC77B



Achromatopsia
ADADAD



Achromatomaly
A1B69B

CSS Examples

Text

The CSS property to change the color of the text to Hex 8CC77B 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 #8CC77B looks like.

```
.text, #text, p{  
    color:#8CC77B  
}
```

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 #8CC77B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CC77B
}
```

Border

The CSS property to change the border of an element to Hex 8CC77B 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
#8CC77B }
```

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

```
.border{ border-color:#8CC77B }
```

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

Here you see how a box with a 4 pixel #8CC77B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CC77B; -webkit-box-shadow:4px 4px  
4px 4px #8CC77B; box-shadow:4px 4px 4px  
4px #8CC77B }
```

Background

The CSS property to change the background color of an element to Hex 8CC77B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CC77B }
```

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

```
.background{ background-color:#8CC77B }
```

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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