

Converting Colors

Hex(8BD67E)

Have a look what the booklet for
Hex(8BD67E) contains.

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Color

Hex(8BD67E)

Conversions

Conversions Part 1

Format	Color
Hex	8BD67E
RGB	139, 214, 126
RGB Percent	55%, 84%, 49%
CMY	0.4549, 0.1608, 0.5059
CMYK	0.35, 0.00, 0.41, 0.16
HSL	111°, 52%, 67%
HSV	111°, 41%, 84%
XYZ	38.4599, 55.0885, 28.3447
YIQ	181.5430, -16.4520, -43.2680

Conversions

Conversions Part 2

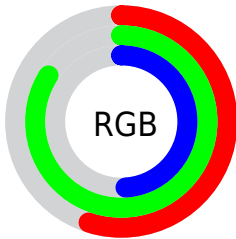
Format	Color
RYB	126, 214, 201
Decimal	9164414
CIELab	79.09, -40.06, 36.25
CIELCh	79, 54.024, 137.857
Yxy	55.0885, 0.3155, 0.4519
Android (android.graphics.Color)	4287354494 (0xFF8BD67E)
YUV	181.5430, -27.3827, -37.3102
Hunter-Lab	74.2216, -37.3932, 29.3127

Details

The Hex color **8BD67E** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C97ED6**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **C3FFB4**, and **559F4B** is the 20% darker color. If you saturate the color by 10%, you get **79D669**, and if you desaturate by 10%, it is **9DD693**.

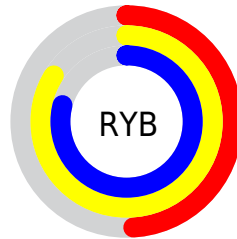
Distribution



Red (55%)

Green (84%)

Blue (49%)



Red (49%)

Yellow (84%)

Blue (79%)

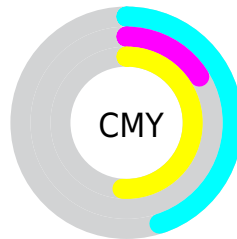


Cyan (35%)

Magenta (0%)

Yellow (41%)

Black (16%)



Cyan (45%)

Magenta (16%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BD67E 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 8BD67E by changing the saturation by 10% instead.

 8BD67E

 8BD67E

FFFFFF

 70BA64

 C3FFB4

 559F4B

 E0FFD0

 398433

 FDF FEC

 1B6A1A

 005200

 003A00

 002600

 000000

 8BD67E

 8BD67E

 79D669

 9DD693

 67D653

 AFD6A9

 54D63E

 C2D6BE

 42D628

 D4D6D4

 30D613

 E6D6E9

 20D600

 F8D6FE

 FFD6FF

Harmonies

Analogous

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



C5CA61



8BD67E



34DCAD

Triad

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



8BD67E



28CFFF



FF9BA8

Complementary

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



8BD67E



C97ED6

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.



FF9CDB



8BD67E



A7BFFF

Square

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



8BD67E



00D9FF



EEABFF



FFA87B

Rectangle

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



8BD67E



00DED0



EEABFF



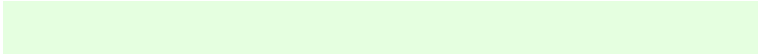
FF9AB8

Sweetspot

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



8BD67E



E5FFE0



D6C97E



70806E



000000



808080

Same Dimension

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



8BD67E



95FF82



7ED69D



626B60



19AB00



062B00

Inverse Universe

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



C97ED6



ED82FF



D67EB7



6A606B



9200AB



25002B

Previews

White Background



This preview shows how the Hex color 8BD67E 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



This preview shows how the Hex color 8BD67E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

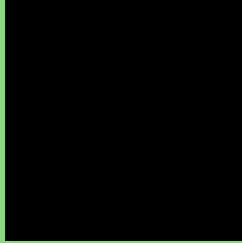
Any Text WCAG AA ✓ Pass

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 8BD67E Background



This preview shows how black text looks on a background with the Hex color 8BD67E.

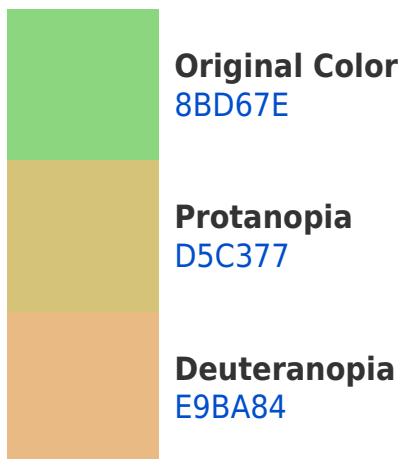


This preview shows how white text looks on a background with the Hex color 8BD67E.

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
9CCBDB

Trichromacy



Original Color
8BD67E



Protanomaly
BACA7A



Deuteranomaly
C7C482

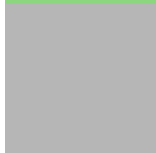


Tritanomaly
96CFB9

Monochromacy



Original Color
8BD67E



Achromatopsia
B6B6B6



Achromatomaly
A6C2A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 8BD67E 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 #8BD67E looks like.

```
.text, #text, p{  
    color:#8BD67E  
}
```

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 #8BD67E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BD67E
}
```

Border

The CSS property to change the border of an element to Hex 8BD67E 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
#8BD67E }
```

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

```
.border{ border-color:#8BD67E }
```

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

Here you see how a box with a 4 pixel #8BD67E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BD67E; -webkit-box-shadow:4px 4px  
4px 4px #8BD67E; box-shadow:4px 4px 4px  
4px #8BD67E }
```

Background

The CSS property to change the background color of an element to Hex 8BD67E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BD67E }
```

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

```
.background{ background-color:#8BD67E }
```

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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