

Converting Colors

Hex(8BD784)

Have a look what the booklet for
Hex(8BD784) contains.

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Color

Hex(8BD784)

Conversions

Conversions Part 1

Format	Color
Hex	8BD784
RGB	139, 215, 132
RGB Percent	55%, 84%, 52%
CMY	0.4549, 0.1569, 0.4824
CMYK	0.35, 0.00, 0.39, 0.16
HSL	115°, 51%, 68%
HSV	115°, 39%, 84%
XYZ	39.1128, 55.7558, 30.5303
YIQ	182.8140, -18.6530, -41.9250

Conversions

Conversions Part 2

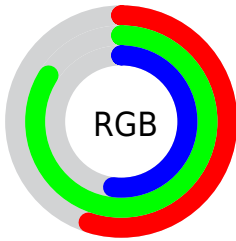
Format	Color
RYB	132, 215, 208
Decimal	9164676
CIELab	79.47, -39.63, 33.71
CIELCh	79, 52.023, 139.614
Yxy	55.7558, 0.3119, 0.4446
Android (android.graphics.Color)	4287354756 (0xFF8BD784)
YUV	182.8140, -25.0513, -38.4249
Hunter-Lab	74.6698, -37.1721, 28.0269

Details

The Hex color **8BD784** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **D084D7**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **C3FFBA**, and **55A051** is the 20% darker color. If you saturate the color by 10%, you get **77D76F**, and if you desaturate by 10%, it is **9FD79A**.

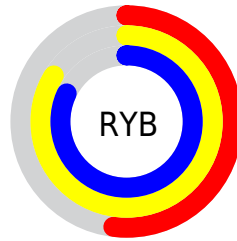
Distribution



Red (55%)

Green (84%)

Blue (52%)



Red (52%)

Yellow (84%)

Blue (82%)

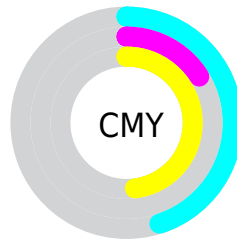


Cyan (35%)

Magenta (0%)

Yellow (39%)

Black (16%)



Cyan (45%)

Magenta (16%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BD784 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 8BD784 by changing the saturation by 10% instead.

 8BD784

 8BD784

FFFFFF

 70BB6A

 C3FFBA

 55A051

 E0FFD6

 3A8539

 F0FFF2

F0FFF2

 1C6B21

 005207

 003A00

 002600

 000000

 8BD784

 8BD784

 77D76F

 9FD79A

 64D759

 B2D7AF

 50D744

 C6D7C5

 3CD72E

 DAD7DA

 29D718

 EDD7F0

 15D703

 FFD7FF

 12D700

Harmonies

Analogous

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



C3CC67



8BD784



3ADDB2

Triad

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



8BD784



47CFFF



FF9EA7

Complementary

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



8BD784



D084D7

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.



FF9FD8



8BD784



AFBFFF

Square

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



8BD784



00D9FF



F1ACFF



FFAB7D

Rectangle

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



8BD784



00DED3



F1ACFF



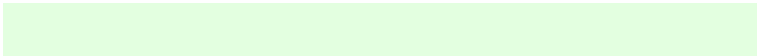
FF9DB7

Sweetspot

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



8BD784



E3FFE0



D7CF84



6F806E



000000



808080

Same Dimension

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



8BD784



94FF8A



84D7A5



616B60



0EAB00



042B00

Inverse Universe

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



D084D7



F58AFF



D784B6



6A606B



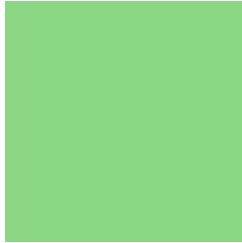
9C00AB



28002B

Previews

White Background



This preview shows how the Hex color 8BD784 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 8BD784 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 8BD784 Background



This preview shows how black text looks on a background with the Hex color 8BD784.

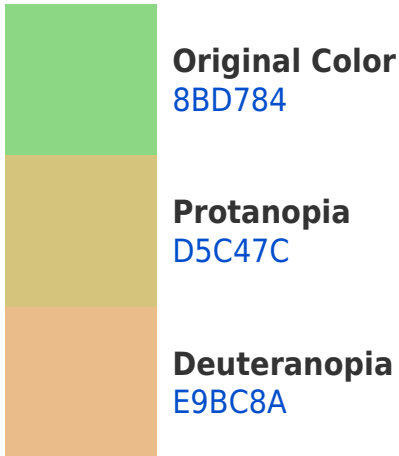


This preview shows how white text looks on a background with the Hex color 8BD784.

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



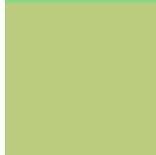


Tritanopia
9BCCDD

Trichromacy



Original Color
8BD784



Protanomaly
BACB7F



Deuteranomaly
C7C688



Tritanomaly
95D0BD

Monochromacy



Original Color
8BD784



Achromatopsia
B7B7B7



Achromatomaly
A7C3A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 8BD784 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 #8BD784 looks like.

```
.text, #text, p{  
    color:#8BD784  
}
```

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 #8BD784 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BD784
}
```

Border

The CSS property to change the border of an element to Hex 8BD784 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
#8BD784 }
```

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

```
.border{ border-color:#8BD784 }
```

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

Here you see how a box with a 4 pixel #8BD784 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BD784; -webkit-box-shadow:4px 4px  
4px 4px #8BD784; box-shadow:4px 4px 4px  
4px #8BD784 }
```

Background

The CSS property to change the background color of an element to Hex 8BD784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BD784 }
```

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

```
.background{ background-color:#8BD784 }
```

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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