

Converting Colors

Hex(8DD985)

Have a look what the booklet for
Hex(8DD985) contains.

Hex(8DD985)	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(8DD985)

Conversions

Conversions Part 1

Format	Color
Hex	8DD985
RGB	141, 217, 133
RGB Percent	55%, 85%, 52%
CMY	0.4471, 0.1490, 0.4784
CMYK	0.35, 0.00, 0.39, 0.15
HSL	114°, 52%, 69%
HSV	114°, 39%, 85%
XYZ	40.0310, 56.9819, 31.0791
YIQ	184.7000, -18.3320, -42.2360

Conversions

Conversions Part 2

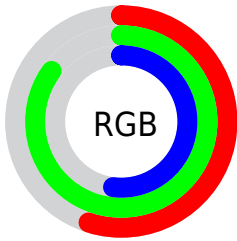
Format	Color
RYB	133, 217, 209
Decimal	9296261
CIELab	80.17, -39.73, 34.13
CIELCh	80, 52.375, 139.341
Yxy	56.9819, 0.3125, 0.4449
Android (android.graphics.Color)	4287486341 (0xFF8DD985)
YUV	184.7000, -25.4881, -38.3249
Hunter-Lab	75.4863, -37.4412, 28.4297

Details

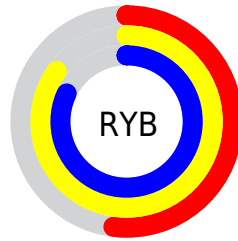
The Hex color **8DD985** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **D185D9**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **C5FFBB**, and **57A252** is the 20% darker color. If you saturate the color by 10%, you get **79D96F**, and if you desaturate by 10%, it is **A1D99B**.

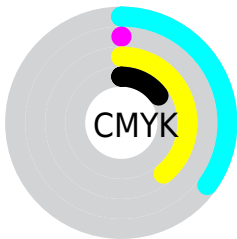
Distribution



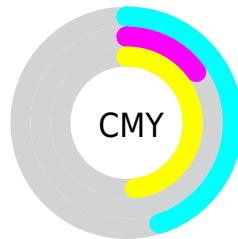
- Red (55%)
- Green (85%)
- Blue (52%)



- Red (52%)
- Yellow (85%)
- Blue (82%)



- Cyan (35%)
- Magenta (0%)
- Yellow (39%)
- Black (15%)



- Cyan (45%)
- Magenta (15%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DD985 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 8DD985 by changing the saturation by 10% instead.

 8DD985

 8DD985

FFFFFF

 72BD6B

 C5FFBB

 57A252

 E2FFD7

 3C873A

 FFFFF4

 1E6D22

 005408

 003C00

 002700

 000100

 000000

 8DD985

 8DD985

 79D96F

 A1D99B

 66D95A

 B4D9B0

 52D944

 C8D9C6

 3ED92E

 DCD9DC

 2BD919

 EFD9F2

 17D903

 FFD9FF

 15D900

Harmonies

Analogous

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



C5CE68



8DD985



3CDFB3

Triad

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



8DD985



47D1FF



FFA0A9

Complementary

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



8DD985



D185D9

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.



FFA0DA



8DD985



B0C1FF

Square

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



8DD985



00DCFF



F2AEFF



FFAC7E

Rectangle

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



8DD985



00E0D5



F2AEFF



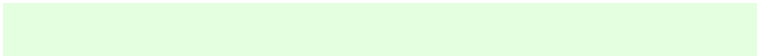
FF9FB9

Sweetspot

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



8DD985



E3FFE0



D9D185



6F806E



000000



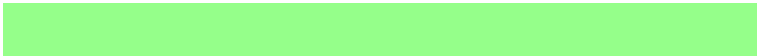
808080

Same Dimension

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



8DD985



95FF8A



85D9A7



646E63



11AD00



042E00

Inverse Universe

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



D185D9



F48AFF



D985B7



6D636E



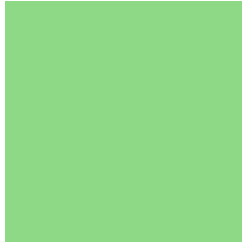
9D00AD



2A002E

Previews

White Background



This preview shows how the Hex color 8DD985 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 8DD985 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 8DD985 Background



This preview shows how black text looks on a background with the Hex color 8DD985.

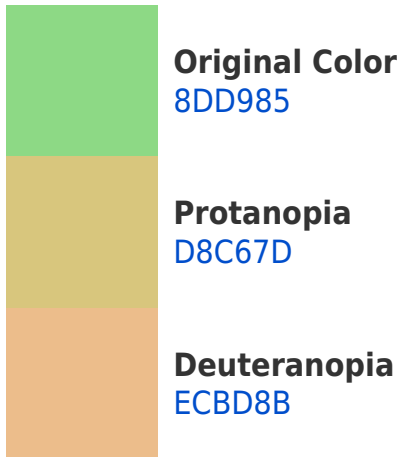


This preview shows how white text looks on a background with the Hex color 8DD985.

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
9DCEDF

Trichromacy



Original Color
8DD985



Protanomaly
BDCD80



Deuteranomaly
C9C789



Tritanomaly
97D2BE

Monochromacy



Original Color
8DD985



Achromatopsia
B9B9B9



Achromatomaly
A9C5A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 8DD985 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 #8DD985 looks like.

```
.text, #text, p{  
    color:#8DD985  
}
```

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 #8DD985 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DD985
}
```

Border

The CSS property to change the border of an element to Hex 8DD985 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
#8DD985 }
```

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

```
.border{ border-color:#8DD985 }
```

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

Here you see how a box with a 4 pixel #8DD985 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DD985; -webkit-box-shadow:4px 4px  
4px 4px #8DD985; box-shadow:4px 4px 4px  
4px #8DD985 }
```

Background

The CSS property to change the background color of an element to Hex 8DD985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DD985 }
```

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

```
.background{ background-color:#8DD985 }
```

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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