

Converting Colors

Hex(8DD6A1)

Have a look what the booklet for
Hex(8DD6A1) contains.

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Color

Hex(8DD6A1)

Conversions

Conversions Part 1

Format	Color
Hex	8DD6A1
RGB	141, 214, 161
RGB Percent	55%, 84%, 63%
CMY	0.4471, 0.1608, 0.3686
CMYK	0.34, 0.00, 0.25, 0.16
HSL	136°, 47%, 70%
HSV	136°, 34%, 84%
XYZ	41.4641, 56.3291, 42.4054
YIQ	186.1310, -26.4950, -31.9590

Conversions

Conversions Part 2

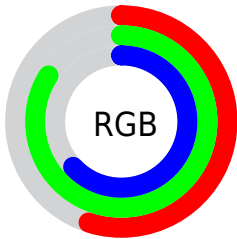
Format	Color
RYB	141, 198, 214
Decimal	9295521
CIELab	79.80, -33.72, 19.12
CIELCh	80, 38.765, 150.450
Yxy	56.3291, 0.2958, 0.4018
Android (android.graphics.Color)	4287485601 (0xFF8DD6A1)
YUV	186.1310, -12.3896, -39.5799
Hunter-Lab	75.0527, -32.7269, 19.0375

Details

The Hex color **8DD6A1** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D68DC2**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **C5FFD8**, and **589F6D** is the 20% darker color. If you saturate the color by 10%, you get **78D691**, and if you desaturate by 10%, it is **A2D6B1**.

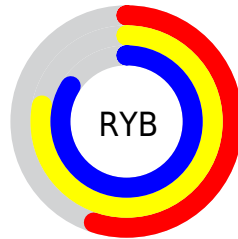
Distribution



Red (55%)

Green (84%)

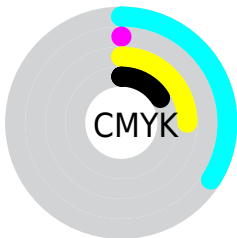
Blue (63%)



Red (55%)

Yellow (78%)

Blue (84%)

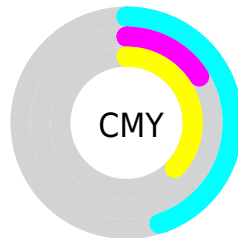


Cyan (34%)

Magenta (0%)

Yellow (25%)

Black (16%)



Cyan (45%)

Magenta (16%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DD6A1 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 8DD6A1 by changing the saturation by 10% instead.

 8DD6A1

 8DD6A1

FFFFFF

 72BA87

 C5FFD8

 589F6D

 E1FFF4

 3D8455

FEFFFF

 226B3D

 005227

 003A12

 002500

 000000

 8DD6A1

 8DD6A1

 78D691

 A2D6B1

 62D682

 B8D6C0

 4DD672

 CDD6D0

 37D663

 E3D6DF

 22D653

 F8D6EF

 0DD644

 FFD6FE

 00D63B

 FFD6FF

Harmonies

Analogous

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



B8CF86



8DD6A1



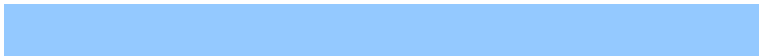
60D9C5

Triad

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



8DD6A1



94C9FF



FFADA3

Complementary

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



8DD6A1



D68DC2

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.



FFAAC7



8DD6A1



CBBCFF

Square

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



8DD6A1



5BD3FF



F4B0EA



FBB788

Rectangle

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



8DD6A1



47D9DE



F4B0EA



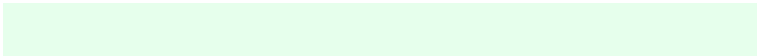
FFABAE

Sweetspot

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



8DD6A1



E6FFEC



C3D68D



708074



000000



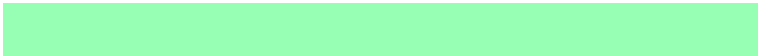
808080

Same Dimension

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



8DD6A1



96FFB3



8DD6C5



606B63



00AB2F



002B0C

Inverse Universe

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



D68DC2



FF96E2



D68D9E



6B6068



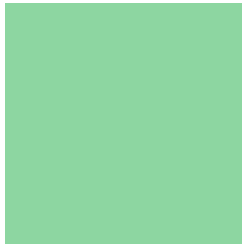
AB007C



2B001F

Previews

White Background



This preview shows how the Hex color 8DD6A1 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 8DD6A1 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 8DD6A1 Background



This preview shows how black text looks on a background with the Hex color 8DD6A1.

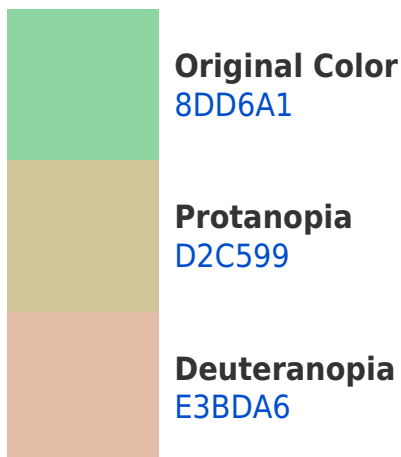


This preview shows how white text looks on a background with the Hex color 8DD6A1.

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](#).

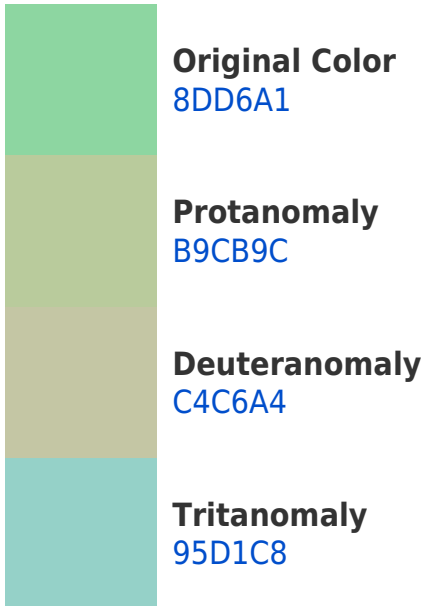
Dichromacy



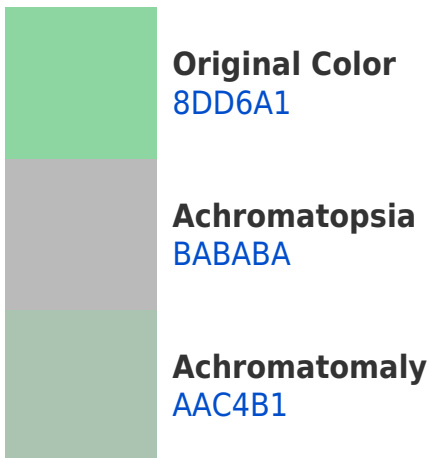


Tritanopia
99CEDE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8DD6A1 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 #8DD6A1 looks like.

```
.text, #text, p{  
    color:#8DD6A1  
}
```

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 #8DD6A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DD6A1
}
```

Border

The CSS property to change the border of an element to Hex 8DD6A1 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
#8DD6A1 }
```

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

```
.border{ border-color:#8DD6A1 }
```

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

Here you see how a box with a 4 pixel #8DD6A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DD6A1; -webkit-box-shadow:4px 4px  
4px 4px #8DD6A1; box-shadow:4px 4px 4px  
4px #8DD6A1 }
```

Background

The CSS property to change the background color of an element to Hex 8DD6A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DD6A1 }
```

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

```
.background{ background-color:#8DD6A1 }
```

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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