

# Converting Colors

Hex(8DDDB2)

Have a look what the booklet for  
Hex(8DDDB2) contains.

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# **Color**

**Hex(8DDDB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DDDB2
RGB	141, 221, 178
RGB Percent	55%, 87%, 70%
CMY	0.4471, 0.1333, 0.3020
CMYK	0.36, 0.00, 0.19, 0.13
HSL	148°, 54%, 71%
HSV	148°, 36%, 87%
XYZ	44.8768, 60.5900, 51.4493
YIQ	192.1780, -33.8770, -30.3330

# Conversions

## Conversions Part 2

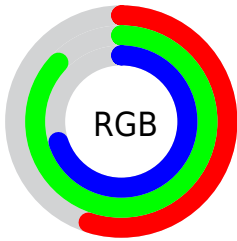
Format	Color
<a href="#">RYB</a>	<a href="#">141, 196, 221</a>
Decimal	<a href="#">9297330</a>
CIELab	<a href="#">82.16, -33.75, 13.46</a>
CIELCh	<a href="#">82, 36.337, 158.257</a>
Yxy	<a href="#">60.5900, 0.2860, 0.3861</a>
Android (android.graphics.Color)	<a href="#">4287487410 (0xFF8DDDB2)</a>
YUV	<a href="#">192.1780, -6.9898, -44.8831</a>
Hunter-Lab	<a href="#">77.8396, -33.3086, 15.2991</a>

# Details

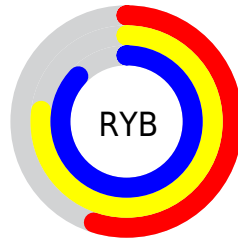
The Hex color **8DDBB2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DD8DB8**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **C5FFEA**, and **57A57D** is the 20% darker color. If you saturate the color by 10%, you get **77DDA6**, and if you desaturate by 10%, it is **A3DDBE**.

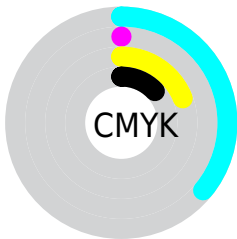
# Distribution



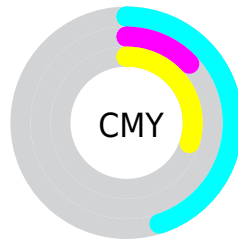
- Red (55%)
- Green (87%)
- Blue (70%)



- Red (55%)
- Yellow (77%)
- Blue (87%)



- Cyan (36%)
- Magenta (0%)
- Yellow (19%)
- Black (13%)



- Cyan (45%)
- Magenta (13%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DDDB2 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 8DDDB2 by changing the saturation by 10% instead.



 8DDDB2

 8DDDB2

FFFFFF


 72C197

 C5FFEA

 57A57D

 E2FFFF

 3C8B64

 1F714C

 005835

 004020

 002909

 000E00

 000000

 8DDDB2

 8DDDB2

 77DDA6

 A3DDBE

 61DD9A

 B9DDCA

 4BDD8E

 CFDDD6

 35DD82

 E5DDE2

 1EDD77

 FCDDed

 08DD6B

 FFDDF9

 00DD66

 FFDDFF

# Harmonies

## Analogous

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



B5D796



8DDDB2



68DFD5

# Triad

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



8DDDB2



ADCCFF



FFB7A4

# Complementary

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



8DDDB2



DD8DB8

# 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.



FFB3C4



8DDDB2



DDC0FF

# Square

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



8DDDB2



7AD7FF



FFB6E6



F9C28E

# Rectangle

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



8DDDB2



5ADEEB



FFB6E6



FFB5AE

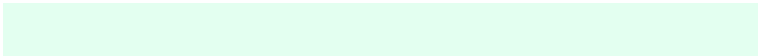


# Sweetspot

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



8DDDB2



E3FFF0



B9DD8D



6F8077



000000



808080

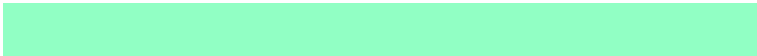


# Same Dimension

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



8DDDB2



91FFC4



8DDDD9



636E68



00AD50



002E15



# Inverse Universe

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



DD8DB8



FF91CC



DD8D91



6E6369



AD005D

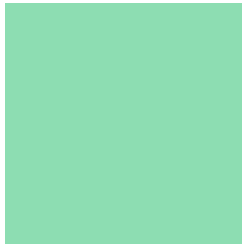


2E0019



# Previews

## White Background



This preview shows how the Hex color 8DDDB2 looks on a white background.

## Color Contrast Check

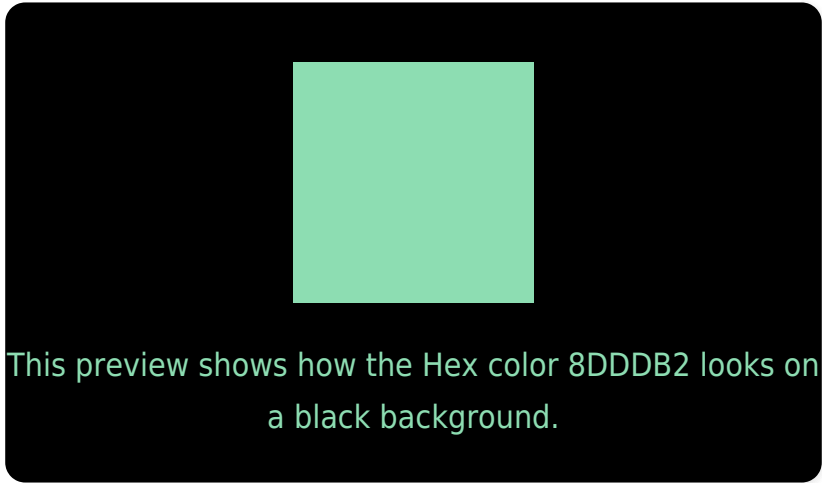
Large Text (above 18pt) WCAG AA × Fail

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 8DDDB2 Background



This preview shows how black text looks on a background with the Hex color 8DDDB2.

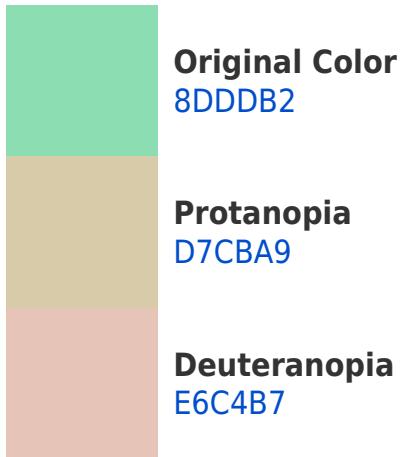


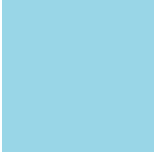
This preview shows how white text looks on a background with the Hex color 8DDDB2.

# 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](#).

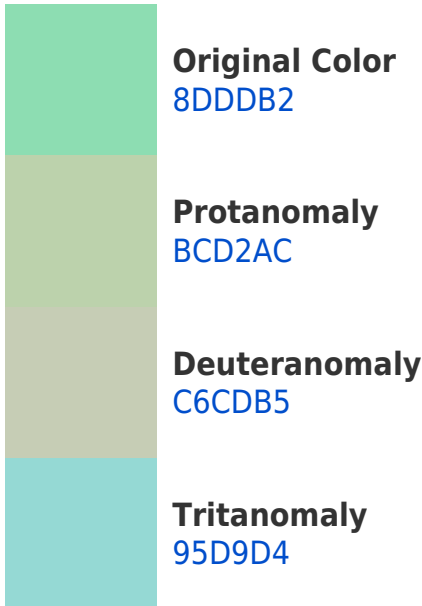
## Dichromacy



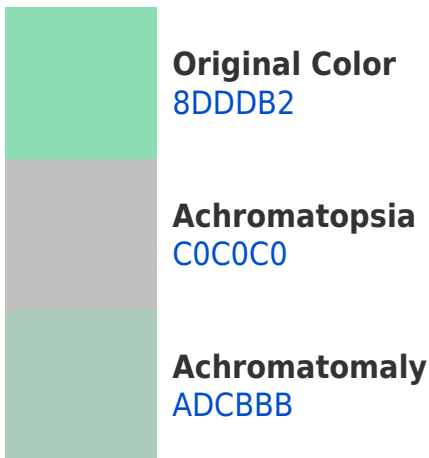


**Tritanopia**  
99D6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DDDB2 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 #8DDDB2 looks like.

```
.text, #text, p{  
    color:#8DDDB2  
}
```

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 #8DDDB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DDDB2
}
```

## Border

The CSS property to change the border of an element to Hex 8DDDB2 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
#8DDDB2 }
```

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

```
.border{ border-color:#8DDDB2 }
```

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

Here you see how a box with a 4 pixel #8DDDB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DDDB2; -webkit-box-shadow:4px 4px  
4px 4px #8DDDB2; box-shadow:4px 4px 4px  
4px #8DDDB2 }
```

# Background

The CSS property to change the background color of an element to Hex 8DDDB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DDDB2 }
```

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

```
.background{ background-color:#8DDDB2 }
```

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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