

Converting Colors

Hex(88DDB7)

Have a look what the booklet for
Hex(88DDB7) contains.

Hex(88DDB7)	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(88DDB7)

Conversions

Conversions Part 1

Format	Color
Hex	88DDB7
RGB	136, 221, 183
RGB Percent	53%, 87%, 72%
CMY	0.4667, 0.1333, 0.2824
CMYK	0.38, 0.00, 0.17, 0.13
HSL	153°, 56%, 70%
HSV	153°, 38%, 87%
XYZ	44.5570, 60.3660, 54.1032
YIQ	191.2530, -38.4620, -29.8380

Conversions

Conversions Part 2

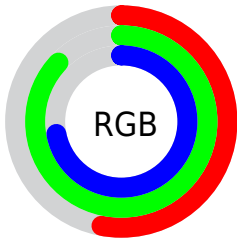
Format	Color
RYB	136, 191, 221
Decimal	8969655
CIELab	82.04, -34.16, 10.62
CIELCh	82, 35.770, 162.731
Yxy	60.3660, 0.2802, 0.3796
Android (android.graphics.Color)	4287159735 (0xFF88DDB7)
YUV	191.2530, -4.0687, -48.4569
Hunter-Lab	77.6956, -33.6007, 13.1004

Details

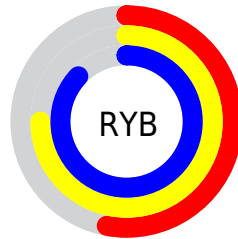
The Hex color **88DDB7** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DD88AE**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **C0FFEF**, and **51A582** is the 20% darker color. If you saturate the color by 10%, you get **72DDAD**, and if you desaturate by 10%, it is **9EDDC1**.

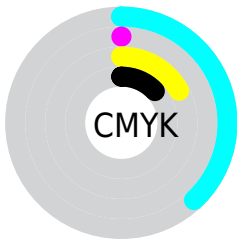
Distribution



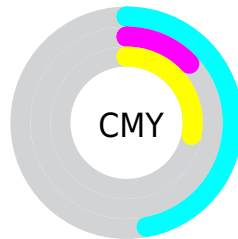
- Red (53%)
- Green (87%)
- Blue (72%)



- Red (53%)
- Yellow (75%)
- Blue (87%)



- Cyan (38%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88DDB7 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 88DDB7 by changing the saturation by 10% instead.

 88DDB7

 88DDB7

FFFFFF

 6DC19C

 C0FFEF

 51A582

 DDFFFF

 358B69

 FAFFFF

 157151

 00583A

 004024

 00290F

 000E00

 000000

 88DDB7

 88DDB7

 72DDAD

 9EDDC1

 5CDDA3

 B4DDCB

 46DD99

 CADDD5

 30DD8F

 E0DDDF

 19DD86

 F7DDE8

 03DD7C

 FFDDF2

 00DD7A

 FFDDFC

 FFDDFF

Harmonies

Analogous

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



B0D89A



88DDB7



66DFDA

Triad

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



88DDB7



B5CAFF



FFB9A0

Complementary

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



88DDB7



DD88AE

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.



FFB3BF



88DDB7



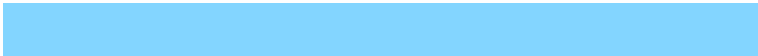
E3BEFD

Square

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



88DDB7



83D5FF



FFB5E1



F4C38C

Rectangle

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



88DDB7



5CDDEF



FFB5E1



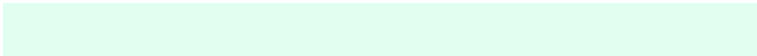
FFB6A9

Sweetspot

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



88DDB7



E0FFF1



AEDD88



6E8078



000000



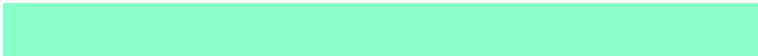
808080

Same Dimension

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



88DDB7



8AFFCB



88D9DD



636E69



00AD60



002E19

Inverse Universe

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



DD88AE



FF8ABE



DD8C88



6E6368



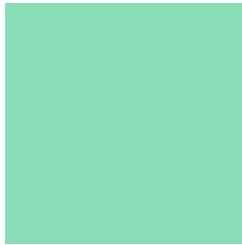
AD004E



2E0015

Previews

White Background



This preview shows how the Hex color 88DDB7 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 88DDB7 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 88DDB7 Background



This preview shows how black text looks on a background with the Hex color 88DDB7.

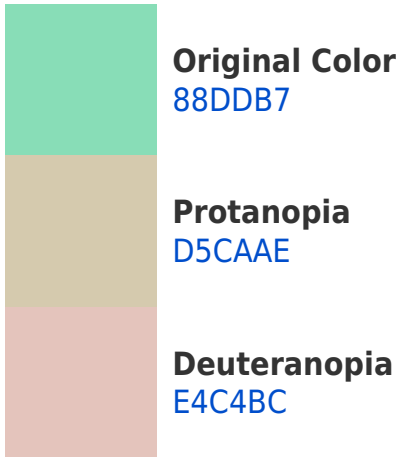


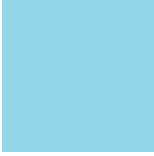
This preview shows how white text looks on a background with the Hex color 88DDB7.

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
93D6E7

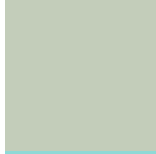
Trichromacy



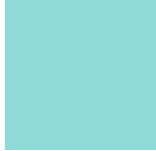
Original Color
88DDB7



Protanomaly
B9D1B1



Deuteranomaly
C3CDBA

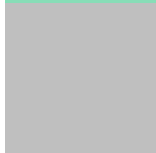


Tritanomaly
8FD9D6

Monochromacy



Original Color
88DDB7



Achromatopsia
BFBFBF



Achromatomaly
ABCABC

CSS Examples

Text

The CSS property to change the color of the text to Hex 88DDB7 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 #88DDB7 looks like.

```
.text, #text, p{  
    color:#88DDB7  
}
```

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 #88DDB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88DDB7  
}
```

Border

The CSS property to change the border of an element to Hex 88DDB7 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  
#88DDB7 }
```

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

```
.border{ border-color:#88DDB7 }
```

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

Here you see how a box with a 4 pixel #88DDB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88DDB7; -webkit-box-shadow:4px 4px  
4px 4px #88DDB7; box-shadow:4px 4px 4px  
4px #88DDB7 }
```

Background

The CSS property to change the background color of an element to Hex 88DDB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88DDB7 }
```

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

```
.background{ background-color:#88DDB7 }
```

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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