

Converting Colors

Hex(88DEAF)

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

Hex(88DEAF)	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(88DEAF)

Conversions

Conversions Part 1

Format	Color
Hex	88DEAF
RGB	136, 222, 175
RGB Percent	53%, 87%, 69%
CMY	0.4667, 0.1294, 0.3137
CMYK	0.39, 0.00, 0.21, 0.13
HSL	147°, 57%, 70%
HSV	147°, 39%, 87%
XYZ	44.0125, 60.5719, 49.9293
YIQ	190.9280, -36.1690, -32.8490

Conversions

Conversions Part 2

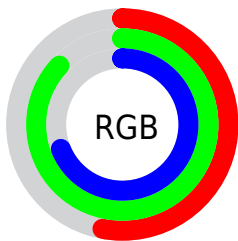
Format	Color
RYB	136, 195, 222
Decimal	8969903
CIELab	82.15, -36.23, 14.99
CIElCh	82, 39.206, 157.516
Yxy	60.5719, 0.2848, 0.3920
Android (android.graphics.Color)	4287159983 (0xFF88DEAF)
YUV	190.9280, -7.8525, -48.1719
Hunter-Lab	77.8280, -35.2555, 16.4430

Details

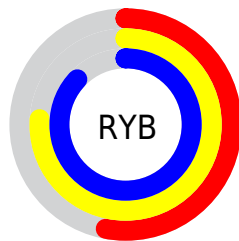
The Hex color **88DEAF** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DE88B7**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **C0FFE7**, and **51A67A** is the 20% darker color. If you saturate the color by 10%, you get **72DEA3**, and if you desaturate by 10%, it is **9EDEBB**.

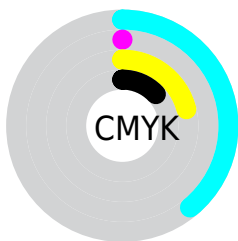
Distribution



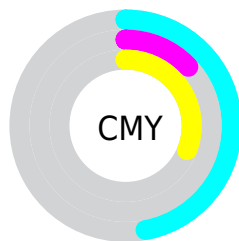
- Red (53%)
- Green (87%)
- Blue (69%)



- Red (53%)
- Yellow (76%)
- Blue (87%)



- Cyan (39%)
- Magenta (0%)
- Yellow (21%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 88DEAF

 88DEAF

FFFFFF

 6DC294

 C0FFE7

 51A67A

 DDFFFF

 358C61

 FAFFFF

 14724A

 005933

 00401D

 002A06

 000E00

 000000

 88DEAF

 88DEAF

 72DEA3

 9EDEBB

 5CDE97

 B4DEC7

 45DE8B

 CBDED3

 2FDE7E

 E1DEE0

 19DE72

 F7DEEC

 03DE66

 FFDEF8

 00DE65

 FFDEFF

Harmonies

Analogous

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



B4D791



88DEAF



5CE0D5

Triad

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



88DEAF



A8CDFE



FFB5A1

Complementary

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



88DEAF



DE88B7

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.



FFB0C4



88DEAF



DDBFFF

Square

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



88DEAF



6ED8FF



FFB4E9



FDC189

Rectangle

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



88DEAF



48E0ED



FFB4E9



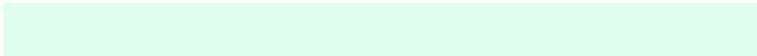
FFB3AC

Sweetspot

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



88DEAF



E0FFEE



B7DE88



6E8076



000000



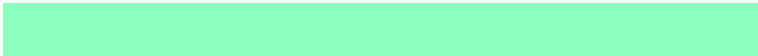
808080

Same Dimension

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



88DEAF



8AFFBF



88DEDA



65706A



00B050



003016

Inverse Universe

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



DE88B7



FF8ACA



DE888C



70656B



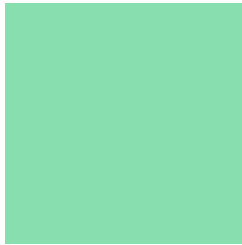
B00060



30001A

Previews

White Background



This preview shows how the Hex color 88DEAF looks on a white background.

Color Contrast Check

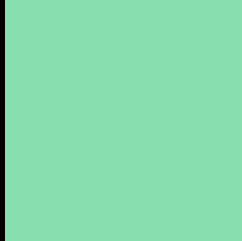
Large Text (above 18pt) WCAG AA × Fail

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 88DEAF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

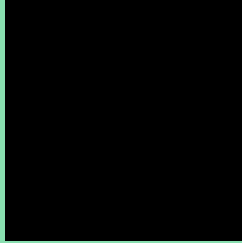
Any Text WCAG AA ✓ Pass

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 88DEAF Background



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

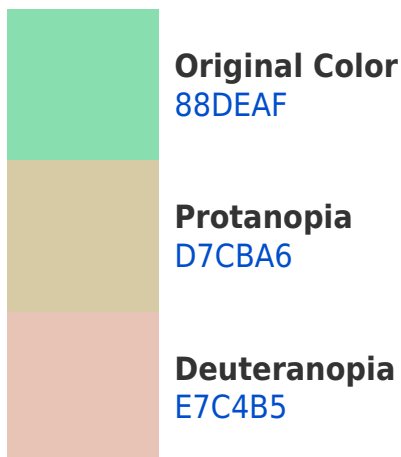


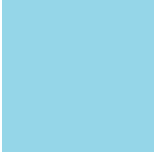
This preview shows how white text looks on a background with the Hex color 88DEAF.

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
95D6E8

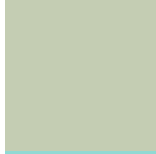
Trichromacy



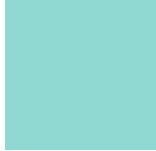
Original Color
88DEAF



Protanomaly
BAD2A9



Deuteranomaly
C4CDB3

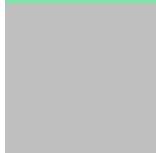


Tritanomaly
90D9D3

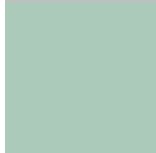
Monochromacy



Original Color
88DEAF



Achromatopsia
BFBFBF



Achromatomaly
ABCAB9

CSS Examples

Text

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

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

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 #88DEAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor