

Converting Colors

Hex(82EAB8)

Have a look what the booklet for
Hex(82EAB8) contains.

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Color

Hex(82EAB8)

Conversions

Conversions Part 1

Format	Color
Hex	82EAB8
RGB	130, 234, 184
RGB Percent	51%, 92%, 72%
CMY	0.4902, 0.0824, 0.2784
CMYK	0.44, 0.00, 0.21, 0.08
HSL	151°, 71%, 71%
HSV	151°, 44%, 92%
XYZ	47.2805, 67.0522, 55.7978
YIQ	197.2040, -45.9340, -37.5980

Conversions

Conversions Part 2

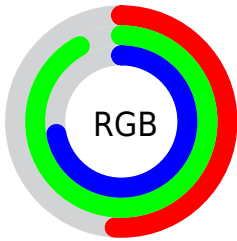
Format	Color
RYB	130, 198, 234
Decimal	8579768
CIELab	85.53, -41.46, 15.00
CIElCh	86, 44.090, 160.104
Yxy	67.0522, 0.2779, 0.3941
Android (android.graphics.Color)	4286769848 (0xFF82EAB8)
YUV	197.2040, -6.5096, -58.9379
Hunter-Lab	81.8854, -40.2338, 16.9187

Details

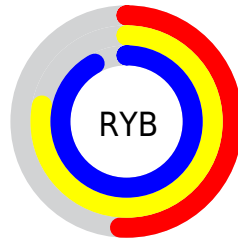
The Hex color **82EAB8** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EA82B4**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **BBFFF0**, and **49B283** is the 20% darker color. If you saturate the color by 10%, you get **6BEAAD**, and if you desaturate by 10%, it is **99EAC3**.

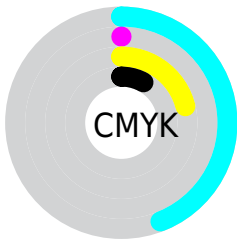
Distribution



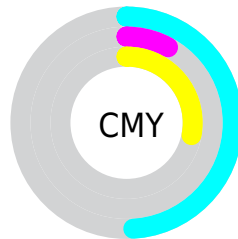
- Red (51%)
- Green (92%)
- Blue (72%)



- Red (51%)
- Yellow (78%)
- Blue (92%)



- Cyan (44%)
- Magenta (0%)
- Yellow (21%)
- Black (8%)



- Cyan (49%)
- Magenta (8%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82EAB8 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 82EAB8 by changing the saturation by 10% instead.

 82EAB8

FFFFFF

 BBFFF0

 D8FFFF

 F6FFFF

 82EAB8

 66CD9D

 49B283

 28966A

 007C51

 00623A

 004A24

 00320F

 001C00

 000000

 82EAB8

 82EAB8

 6BEAAD

 99EAC3

 53EAA1

 B1EACE

 3CEA96

 C8EADA

 24EA8B

 E0EAE5

 0DEA80

 F7EAF0

 00EA79

 FFEAFB

 FFEAFF

Harmonies

Analogous

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



B6E395



82EAB8



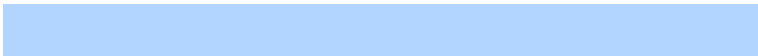
48ECE3

Triad

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



82EAB8



B1D5FF



FFBCA2

Complementary

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



82EAB8



EA82B4

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.



FFB5C9



82EAB8



EDC6FF

Square

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



82EAB8



69E2FF



FFB9F3



FFCA88

Rectangle

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



82EAB8



27EBFE



FFB9F3



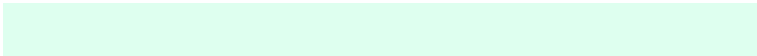
FFB9AE

Sweetspot

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



82EAB8



DEFFEF



B4EA82



6B8076



000000



808080

Same Dimension

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



82EAB8



78FFBE



82E8EA



6A7570



00B55E



00361C

Inverse Universe

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



EA82B4



FF78B9



EA8482



756A6F



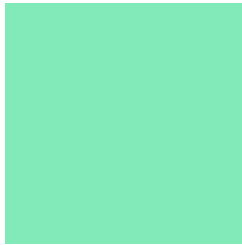
B50057



36001A

Previews

White Background



This preview shows how the Hex color 82EAB8 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 82EAB8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

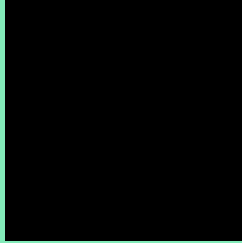
Any Text WCAG AA ✓ Pass

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 82EAB8 Background



This preview shows how black text looks on a background with the Hex color 82EAB8.

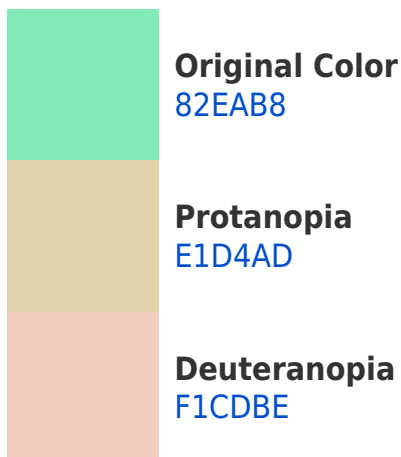


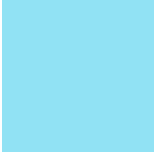
This preview shows how white text looks on a background with the Hex color 82EAB8.

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
91E2F4

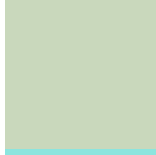
Trichromacy



Original Color
82EAB8



Protanomaly
BEDCB1



Deuteranomaly
C9D8BC



Tritanomaly
8CE5DE

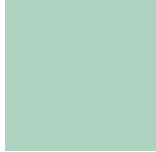
Monochromacy



Original Color
82EAB8



Achromatopsia
C5C5C5



Achromatomaly
ADD2C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 82EAB8 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 #82EAB8 looks like.

```
.text, #text, p{  
    color:#82EAB8  
}
```

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 #82EAB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82EAB8
}
```

Border

The CSS property to change the border of an element to Hex 82EAB8 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
#82EAB8 }
```

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

```
.border{ border-color:#82EAB8 }
```

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

Here you see how a box with a 4 pixel #82EAB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82EAB8; -webkit-box-shadow:4px 4px  
4px 4px #82EAB8; box-shadow:4px 4px 4px  
4px #82EAB8 }
```

Background

The CSS property to change the background color of an element to Hex 82EAB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82EAB8 }
```

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

```
.background{ background-color:#82EAB8 }
```

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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