

# Converting Colors

Hex(82EBB9)

Have a look what the booklet for  
Hex(82EBB9) contains.

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# **Color**

**Hex(82EBB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82EBB9
RGB	130, 235, 185
RGB Percent	51%, 92%, 73%
CMY	0.4902, 0.0784, 0.2745
CMYK	0.45, 0.00, 0.21, 0.08
HSL	151°, 72%, 72%
HSV	151°, 45%, 92%
XYZ	47.6712, 67.6653, 56.4471
YIQ	197.9050, -46.5300, -37.8100

# Conversions

## Conversions Part 2

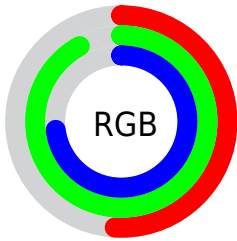
Format	Color
<a href="#">RYB</a>	<a href="#">130, 199, 235</a>
Decimal	<a href="#">8580025</a>
CIELab	<a href="#">85.84, -41.70, 14.92</a>
CIElCh	<a href="#">86, 44.288, 160.315</a>
Yxy	<a href="#">67.6653, 0.2775, 0.3939</a>
Android (android.graphics.Color)	<a href="#">4286770105 (0xFF82EBB9)</a>
YUV	<a href="#">197.9050, -6.3622, -59.5527</a>
Hunter-Lab	<a href="#">82.2589, -40.5076, 16.8957</a>

# Details

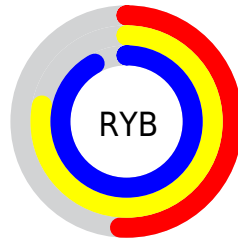
The Hex color **82EBB9** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EB82B4**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **BBFFF1**, and **48B384** is the 20% darker color. If you saturate the color by 10%, you get **6BEBAE**, and if you desaturate by 10%, it is **9AEB C4**.

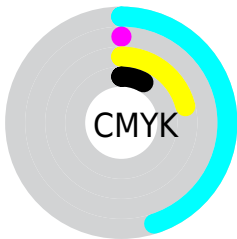
# Distribution



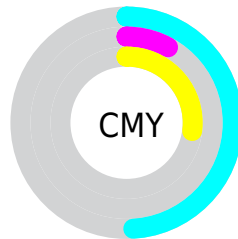
- Red (51%)
- Green (92%)
- Blue (73%)



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



- Cyan (45%)
- Magenta (0%)
- Yellow (21%)
- Black (8%)



- Cyan (49%)
- Magenta (8%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82EBB9 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 82EBB9 by changing the saturation by 10% instead.



 82EBB9

FFFFFF

 BBFFF1

 D9FFFF

 F6FFFF

 82EBB9

 66CE9E

 48B384

 28976B

 007D52

 00633B

 004B25

 003310

 001D00

 000000

 82EBB9

 82EBB9

 6BEBAE

 9AEBC4

 53EBA3

 B1EBCF

 3CEB97

 C9EBDB

 24EB8C

 E0EBE6

 0DEB81

 F8EBF1

 00EB7B

 FFEBFC

 FFEBFF

# Harmonies

## Analogous

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



B6E495



82EBB9



47EDE4

# Triad

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



82EBB9



B2D6FF



FFBDA2

# Complementary

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



82EBB9



EB82B4

# 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.



FFB6CA



82EBB9



EEC6FF

# Square

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



82EBB9



69E3FF



FFBAF4



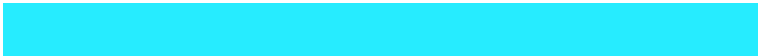
FFCB88

# Rectangle

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



82EBB9



26ECFF



FFBAF4



FFBAAE

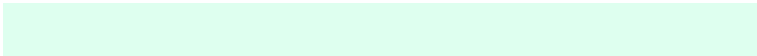


# Sweetspot

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



82EBB9



DEFFEF



B5EB82



6B8076



000000



808080

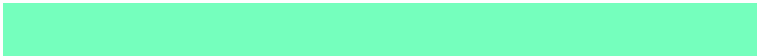


# Same Dimension

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



82EBB9



75FFBD



82E9EB



6A7570



00B55F



00361C



# Inverse Universe

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



EB82B4



FF75B7



EB8482



756A6F



B50056

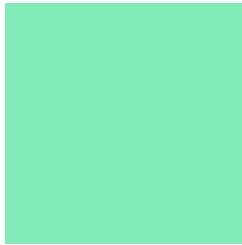


36001A



# Previews

## White Background



This preview shows how the Hex color 82EBB9 looks on a white background.

## Color Contrast Check

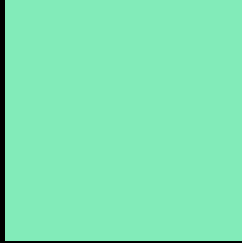
Large Text (above 18pt) WCAG AA × Fail

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 82EBB9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

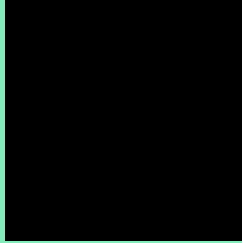
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 82EBB9 Background



This preview shows how black text looks on a background with the Hex color 82EBB9.

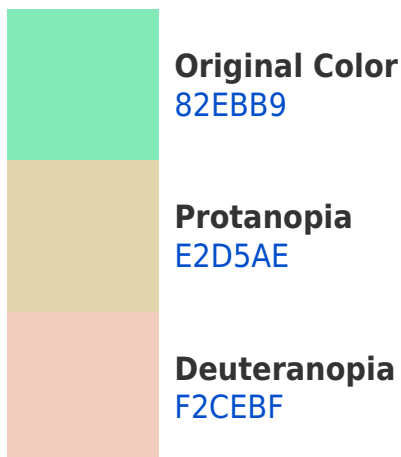


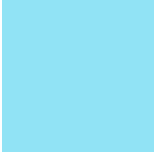
This preview shows how white text looks on a background with the Hex color 82EBB9.

# 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](#).

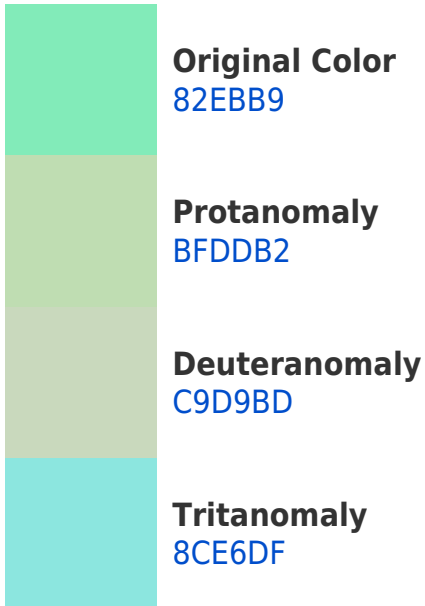
## Dichromacy



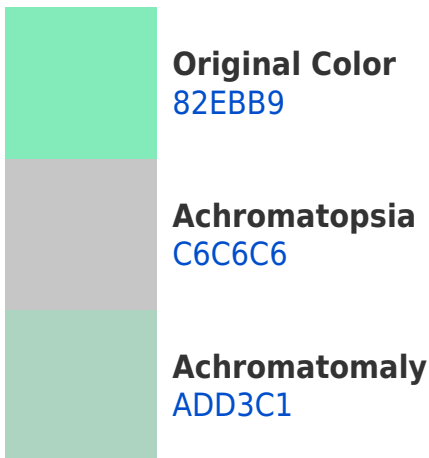


**Tritanopia**  
91E3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82EBB9 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 #82EBB9 looks like.

```
.text, #text, p{  
    color:#82EBB9  
}
```

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 #82EBB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82EBB9
}
```

## Border

The CSS property to change the border of an element to Hex 82EBB9 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
#82EBB9 }
```

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

```
.border{ border-color:#82EBB9 }
```

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

Here you see how a box with a 4 pixel #82EBB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82EBB9; -webkit-box-shadow:4px 4px  
4px 4px #82EBB9; box-shadow:4px 4px 4px  
4px #82EBB9 }
```

# Background

The CSS property to change the background color of an element to Hex 82EBB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82EBB9 }
```

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

```
.background{ background-color:#82EBB9 }
```

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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