

Converting Colors

Hex(82E2BE)

Have a look what the booklet for
Hex(82E2BE) contains.

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Color

Hex(82E2BE)

Conversions

Conversions Part 1

Format	Color
Hex	82E2BE
RGB	130, 226, 190
RGB Percent	51%, 89%, 75%
CMY	0.4902, 0.1137, 0.2549
CMYK	0.42, 0.00, 0.16, 0.11
HSL	158°, 62%, 70%
HSV	158°, 42%, 89%
XYZ	45.6965, 62.8562, 58.4392
YIQ	193.1920, -45.6600, -31.5480

Conversions

Conversions Part 2

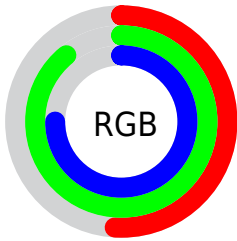
Format	Color
RYB	130, 189, 226
Decimal	8577726
CIELab	83.37, -36.61, 8.79
CIELCh	83, 37.646, 166.501
Yxy	62.8562, 0.2736, 0.3764
Android (android.graphics.Color)	4286767806 (0xFF82E2BE)
YUV	193.1920, -1.5737, -55.4194
Hunter-Lab	79.2819, -35.8595, 11.7943

Details

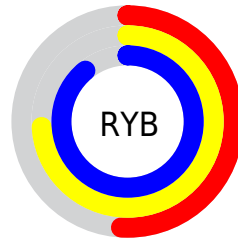
The Hex color **82E2BE** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E282A6**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **BBFFF6**, and **4AAA89** is the 20% darker color. If you saturate the color by 10%, you get **6BE2B6**, and if you desaturate by 10%, it is **99E2C6**.

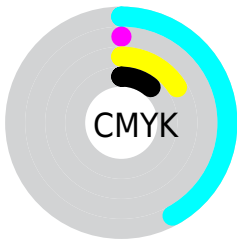
Distribution



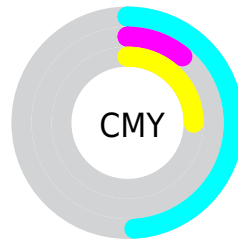
- Red (51%)
- Green (89%)
- Blue (75%)



- Red (51%)
- Yellow (74%)
- Blue (89%)



- Cyan (42%)
- Magenta (0%)
- Yellow (16%)
- Black (11%)



- Cyan (49%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82E2BE 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 82E2BE by changing the saturation by 10% instead.

 82E2BE

 82E2BE

FFFFFF

 66C6A3

 BBFFF6

 4AAA89

 D8FFF6

 2B8F6F

 F5FFF6

 007557

 005C40

 00442A

 002D15

 001400

 000000

 82E2BE

 82E2BE

 6BE2B6

 99E2C6

 55E2AD


 AFE2CF

 3EE2A5

 C6E2D7

 28E29C

 DCE2E0

 11E294

 F3E2E8

 00E28D

 FFE2F1

 FFE2F9

 FFE2FF

Harmonies

Analogous

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



ACDD9E



82E2BE



5EE3E3

Triad

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



82E2BE



BECCFF



FFBC9E

Complementary

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



82E2BE



E282A6

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.



FFB5BD



82E2BE



EDC0FF

Square

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



82E2BE



87D8FF



FFB7E1



F6C88B

Rectangle

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



82E2BE



57E1F9



FFB7E1



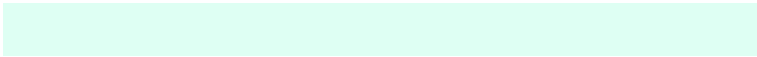
FFB9A7

Sweetspot

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



82E2BE



DEFFF3



A7E282



6B8078



000000



808080

Same Dimension

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



82E2BE



7DFFCE



82D7E2



65706C



00B06E



00301E

Inverse Universe

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



E282A6



FF7DAE



E28D82



706569



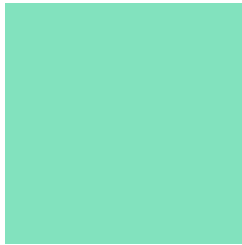
B00042



300012

Previews

White Background



This preview shows how the Hex color 82E2BE looks on a white background.

Color Contrast Check

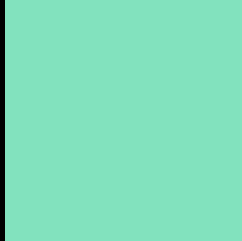
Large Text (above 18pt) WCAG AA × Fail

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 82E2BE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

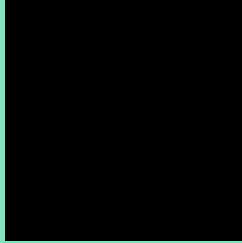
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

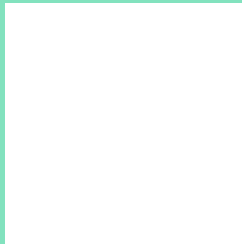
Any Text WCAG AAA ✓ Pass

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

Hex 82E2BE Background



This preview shows how black text looks on a background with the Hex color 82E2BE.

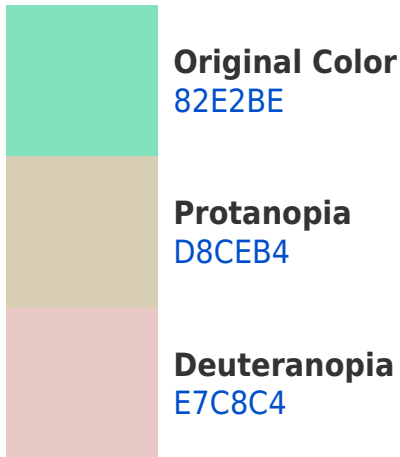


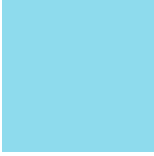
This preview shows how white text looks on a background with the Hex color 82E2BE.

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
8EDBED

Trichromacy



Original Color
82E2BE



Protanomaly
B9D5B8



Deuteranomaly
C2D1C2

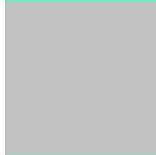


Tritanomaly
8AEDDC

Monochromacy



Original Color
82E2BE



Achromatopsia
C1C1C1



Achromatomaly
AACDC0

CSS Examples

Text

The CSS property to change the color of the text to Hex 82E2BE 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 #82E2BE looks like.

```
.text, #text, p{  
    color:#82E2BE  
}
```

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 #82E2BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82E2BE
}
```

Border

The CSS property to change the border of an element to Hex 82E2BE 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
#82E2BE }
```

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

```
.border{ border-color:#82E2BE }
```

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

Here you see how a box with a 4 pixel #82E2BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82E2BE; -webkit-box-shadow:4px 4px  
4px 4px #82E2BE; box-shadow:4px 4px 4px  
4px #82E2BE }
```

Background

The CSS property to change the background color of an element to Hex 82E2BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82E2BE }
```

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

```
.background{ background-color:#82E2BE }
```

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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