

# Converting Colors

Hex(82E099)

Have a look what the booklet for  
Hex(82E099) contains.

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**Color**

**Hex(82E099)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82E099
RGB	130, 224, 153
RGB Percent	51%, 88%, 60%
CMY	0.4902, 0.1216, 0.4000
CMYK	0.42, 0.00, 0.32, 0.12
HSL	135°, 60%, 69%
HSV	135°, 42%, 88%
XYZ	41.6113, 60.3570, 39.5939
YIQ	187.8000, -33.2330, -42.0090

# Conversions

## Conversions Part 2

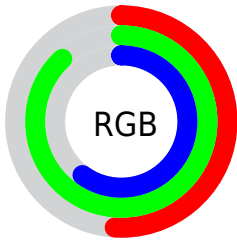
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 206, 224
Decimal	8577177
CIELab	82.03, -42.89, 26.27
CIELCh	82, 50.296, 148.516
Yxy	60.3570, 0.2939, 0.4264
Android (android.graphics.Color)	4286767257 (0xFF82E099)
YUV	187.8000, -17.1564, -50.6906
Hunter-Lab	77.6898, -40.3510, 24.1662

# Details

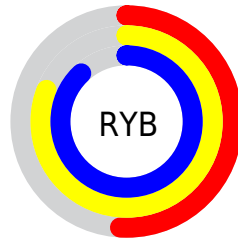
The Hex color **82E099** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E082C9**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **BBFFD0**, and **4AA865** is the 20% darker color. If you saturate the color by 10%, you get **6CE088**, and if you desaturate by 10%, it is **98E0AA**.

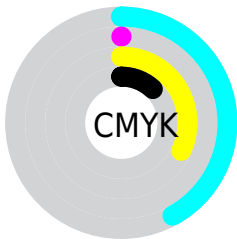
# Distribution



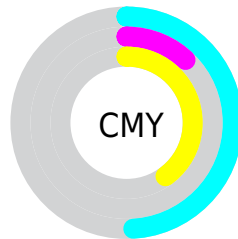
- Red (51%)
- Green (88%)
- Blue (60%)



- Red (51%)
- Yellow (81%)
- Blue (88%)



- Cyan (42%)
- Magenta (0%)
- Yellow (32%)
- Black (12%)



- Cyan (49%)
- Magenta (12%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82E099 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 82E099 by changing the saturation by 10% instead.



 82E099

 82E099

FFFFFF

 66C47F

 BBFFD0

 4AA865

 D7FFEC

 2C8D4D

 F5FFFF

 007335

 005A1F

 004107

 002B00

 000E00

 000000

 82E099

 82E099

 6CE088

 98E0AA

 55E077

 AFE0BB

 3FE066

 C5E0CC

 28E055

 DCE0DD

 12E044

 F2E0EE

 00E037

 FFE0FF

# Harmonies

## Analogous

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



BCD777



82E099



2AE4C8

# Triad

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



82E099



7BD2FF



FFAA11

# Complementary

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



82E099



E082C9

# 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.



FFA6D0



82E099



CDC1FF

# Square

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



82E099



00DEFF



FFAFFE



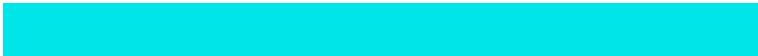
FFB87D

# Rectangle

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



82E099



00E5E8



FFAFFE



FFA7B0

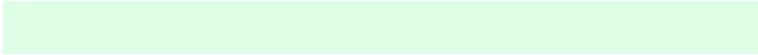


# Sweetspot

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



82E099



DEFFE6



CAE082



6B8070



000000



808080



# Same Dimension

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



82E099



80FF9F



82E0C7



657068



00B02B



00300C



# Inverse Universe

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



E082C9



FF80E0



E0829B



70656D



B00085

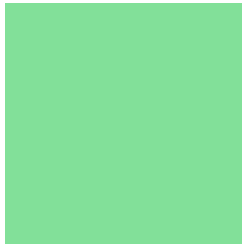


300025



# Previews

## White Background



This preview shows how the Hex color 82E099 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

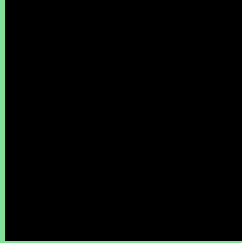
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82E099 Background



This preview shows how black text looks on a background with the Hex color 82E099.

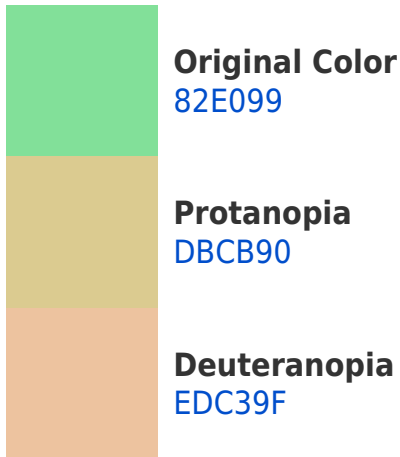


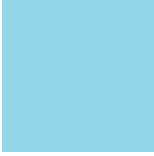
This preview shows how white text looks on a background with the Hex color 82E099.

# 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**  
82E099



**Protanomaly**  
BBD393



**Deuteranomaly**  
C6CE9D



**Tritanomaly**  
8DDACB

# Monochromacy



**Original Color**  
82E099



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
A7C9AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82E099 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 #82E099 looks like.

```
.text, #text, p{  
    color:#82E099  
}
```

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 #82E099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82E099
}
```

## Border

The CSS property to change the border of an element to Hex 82E099 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
#82E099 }
```

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

```
.border{ border-color:#82E099 }
```

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

Here you see how a box with a 4 pixel #82E099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82E099; -webkit-box-shadow:4px 4px  
4px 4px #82E099; box-shadow:4px 4px 4px  
4px #82E099 }
```

# Background

The CSS property to change the background color of an element to Hex 82E099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82E099 }
```

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

```
.background{ background-color:#82E099 }
```

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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