

Converting Colors

Hex(82E386)

Have a look what the booklet for
Hex(82E386) contains.

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Color

Hex(82E386)

Conversions

Conversions Part 1

Format	Color
Hex	82E386
RGB	130, 227, 134
RGB Percent	51%, 89%, 53%
CMY	0.4902, 0.1098, 0.4745
CMYK	0.43, 0.00, 0.41, 0.11
HSL	122°, 63%, 70%
HSV	122°, 43%, 89%
XYZ	40.9781, 61.4052, 32.2469
YIQ	187.3950, -27.9590, -49.4870

Conversions

Conversions Part 2

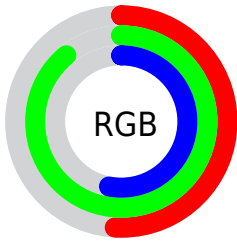
Format	Color
RYB	130, 223, 227
Decimal	8577926
CIELab	82.60, -47.26, 36.68
CIElCh	83, 59.824, 142.183
Yxy	61.4052, 0.3044, 0.4561
Android (android.graphics.Color)	4286768006 (0xFF82E386)
YUV	187.3950, -26.3237, -50.3354
Hunter-Lab	78.3615, -43.7884, 30.4544

Details

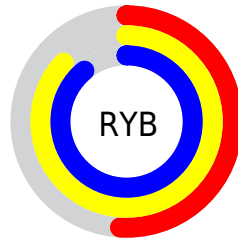
The Hex color **82E386** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E382DF**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **BBFFBC**, and **49AB53** is the 20% darker color. If you saturate the color by 10%, you get **6BE370**, and if you desaturate by 10%, it is **99E39C**.

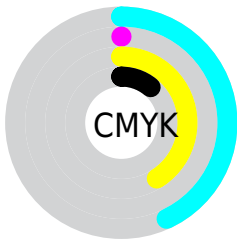
Distribution



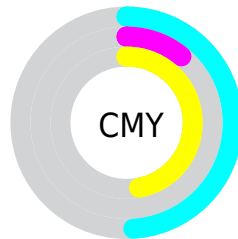
- Red (51%)
- Green (89%)
- Blue (53%)



- Red (51%)
- Yellow (87%)
- Blue (89%)



- Cyan (43%)
- Magenta (0%)
- Yellow (41%)
- Black (11%)



- Cyan (49%)
- Magenta (11%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82E386 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 82E386 by changing the saturation by 10% instead.

 82E386

 82E386

FFFFFF

 66C76C

 BBFFBC

 49AB53

 D8FFD8

 2A903A

 F6FFF5

 007622

 005C06

 004300

 002D00

 001100

 000000

 82E386

 82E386

 6BE370

 99E39C

 55E35A


 AFE3B2

 3EE345

 C6E3C7

 27E32F

 DDE3DD

 11E319

 F3E3F3

 00E309

 FFE3FF

Harmonies

Analogous

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



C5D761



82E386



00E9BC

Triad

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



82E386



2AD8FF



FFA0A6

Complementary

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



82E386



E382DF

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.



FF9FDF



82E386



BAC5FF

Square

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



82E386



00E4FF



FFAEFF



FFB176

Rectangle

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



82E386



00EAE3



FFAEFF



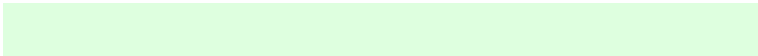
FF9EB9

Sweetspot

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



82E386



DEFFDF



E0E382



6B806C



000000



808080

Same Dimension

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



82E386



7DFF82



82E3B6



677368



00B307



003302

Inverse Universe

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



E382DF



FF7DFA



E382AF



736772



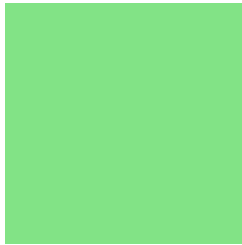
B300AB



330031

Previews

White Background



This preview shows how the Hex color 82E386 looks on a white background.

Color Contrast Check

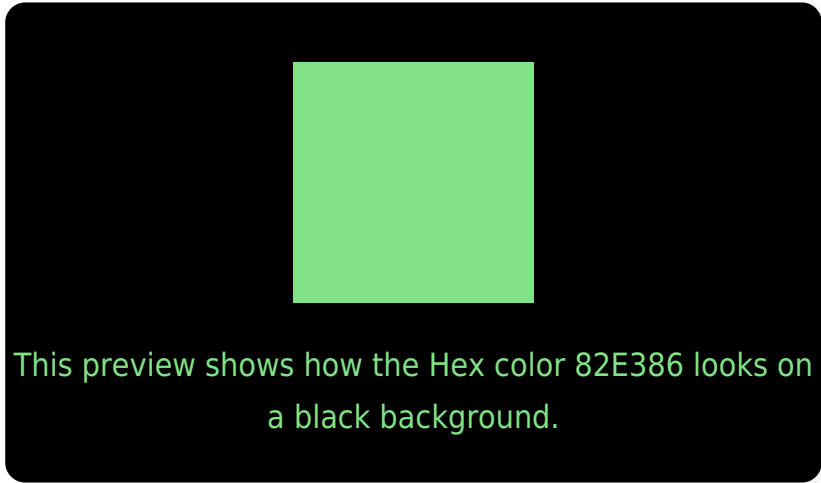
Large Text (above 18pt) WCAG AA × Fail

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

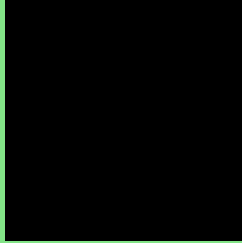
Any Text WCAG AA ✓ Pass

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 82E386 Background



This preview shows how black text looks on a background with the Hex color 82E386.

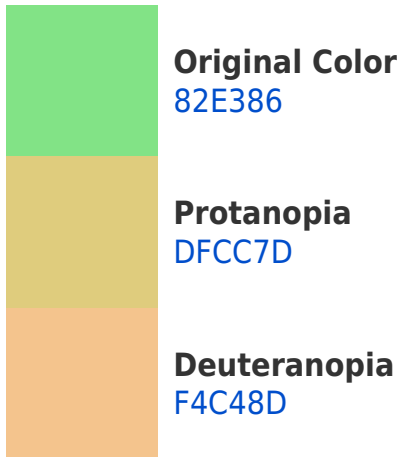


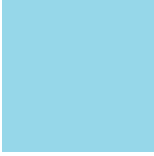
This preview shows how white text looks on a background with the Hex color 82E386.

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



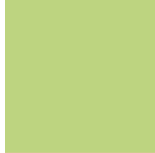


Tritanopia
96D7E9

Trichromacy



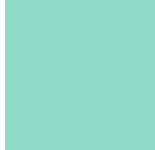
Original Color
82E386



Protanomaly
BDD480



Deuteranomaly
CBCF8A

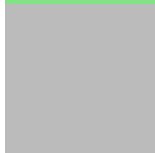


Tritanomaly
8FD8C5

Monochromacy



Original Color
82E386



Achromatopsia
BBBBBB



Achromatomaly
A6CAA8

CSS Examples

Text

The CSS property to change the color of the text to Hex 82E386 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 #82E386 looks like.

```
.text, #text, p{  
    color:#82E386  
}
```

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 #82E386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82E386
}
```

Border

The CSS property to change the border of an element to Hex 82E386 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
#82E386 }
```

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

```
.border{ border-color:#82E386 }
```

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

Here you see how a box with a 4 pixel #82E386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82E386; -webkit-box-shadow:4px 4px  
4px 4px #82E386; box-shadow:4px 4px 4px  
4px #82E386 }
```

Background

The CSS property to change the background color of an element to Hex 82E386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82E386 }
```

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

```
.background{ background-color:#82E386 }
```

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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