

Converting Colors

Hex(82E57B)

Have a look what the booklet for
Hex(82E57B) contains.

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Color

Hex(82E57B)

Conversions

Conversions Part 1

Format	Color
Hex	82E57B
RGB	130, 229, 123
RGB Percent	51%, 90%, 48%
CMY	0.4902, 0.1020, 0.5176
CMYK	0.43, 0.00, 0.46, 0.10
HSL	116°, 67%, 69%
HSV	116°, 46%, 90%
XYZ	40.8004, 62.2145, 28.5971
YIQ	187.3150, -24.9780, -53.9540

Conversions

Conversions Part 2

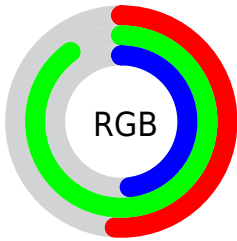
Format	Color
RYB	123, 229, 222
Decimal	8578427
CIELab	83.03, -49.67, 42.66
CIElCh	83, 65.469, 139.342
Yxy	62.2145, 0.3100, 0.4727
Android (android.graphics.Color)	4286768507 (0xFF82E57B)
YUV	187.3150, -31.7073, -50.2653
Hunter-Lab	78.8762, -45.7004, 33.7173

Details

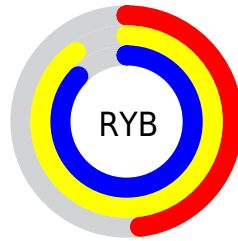
The Hex color **82E57B** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **DE7BE5**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **BBFFB1**, and **48AD47** is the 20% darker color. If you saturate the color by 10%, you get **6DE564**, and if you desaturate by 10%, it is **97E592**.

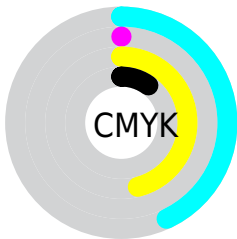
Distribution



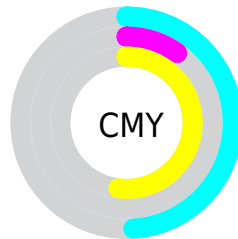
- Red (51%)
- Green (90%)
- Blue (48%)



- Red (48%)
- Yellow (90%)
- Blue (87%)



- Cyan (43%)
- Magenta (0%)
- Yellow (46%)
- Black (10%)



- Cyan (49%)
- Magenta (10%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82E57B 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 82E57B by changing the saturation by 10% instead.

 82E57B

FFFFFF

 BBFFB1

 D9FFCD

 F6FFEA

 82E57B

 65C961

 48AD47

 28922E

 007713

 005E00

 004500

 002E00

 001300

 000000

 82E57B

 82E57B

 6DE564

 97E592

 57E54D

 ADE5A9

 42E536

 C2E5C0

 2CE51F

 D8E5D7

 17E509

 EDE5EE

 0FE500

 FFE5FF

Harmonies

Analogous

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



CBD853



82E57B



00ECB6

Triad

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



82E57B



00DCFF



FF9BA9

Complementary

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



82E57B



DE7BE5

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.



FF9BE7



82E57B



ACC7FF

Square

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



82E57B



00E8FF



FFAEFF



FFAC73

Rectangle

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



82E57B



00EDE1



FFAEFF



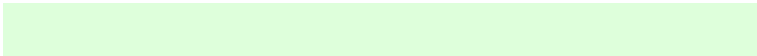
FF98BE

Sweetspot

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



82E57B



DEFFDB



E5DE7B



6B806A



000000



808080

Same Dimension

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



82E57B



7AFF70



7BE5A9



687367



0CB300



033300

Inverse Universe

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



DE7BE5



F670FF



E57BB7



726773



A700B3



300033

Previews

White Background



This preview shows how the Hex color 82E57B 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 82E57B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

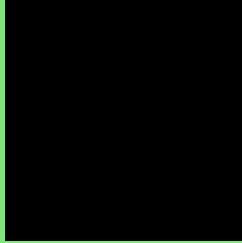
Any Text WCAG AA ✓ Pass

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 82E57B Background



This preview shows how black text looks on a background with the Hex color 82E57B.

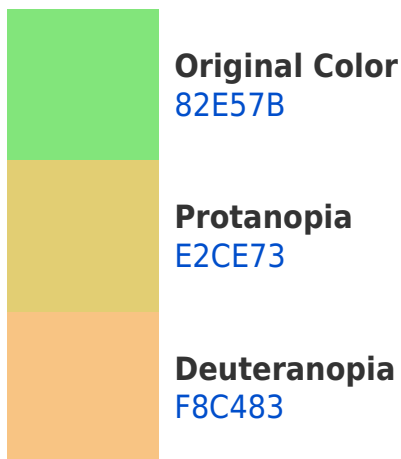


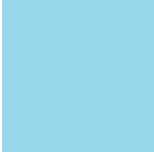
This preview shows how white text looks on a background with the Hex color 82E57B.

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



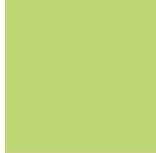


Tritanopia
98D8EA

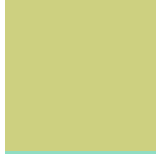
Trichromacy



Original Color
82E57B



Protanomaly
BFD676



Deuteranomaly
CDD080

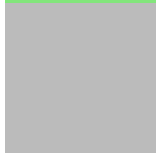


Tritanomaly
90DDC2

Monochromacy



Original Color
82E57B



Achromatopsia
BBBBBB



Achromatomaly
A6CAA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 82E57B 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 #82E57B looks like.

```
.text, #text, p{  
    color:#82E57B  
}
```

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 #82E57B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82E57B
}
```

Border

The CSS property to change the border of an element to Hex 82E57B 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
#82E57B }
```

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

```
.border{ border-color:#82E57B }
```

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

Here you see how a box with a 4 pixel #82E57B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82E57B; -webkit-box-shadow:4px 4px  
4px 4px #82E57B; box-shadow:4px 4px 4px  
4px #82E57B }
```

Background

The CSS property to change the background color of an element to Hex 82E57B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82E57B }
```

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

```
.background{ background-color:#82E57B }
```

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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