

Converting Colors

Hex(80E67F)

Have a look what the booklet for
Hex(80E67F) contains.

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Color

Hex(80E67F)

Conversions

Conversions Part 1

Format	Color
Hex	80E67F
RGB	128, 230, 127
RGB Percent	50%, 90%, 50%
CMY	0.4980, 0.0980, 0.5020
CMYK	0.44, 0.00, 0.45, 0.10
HSL	119°, 67%, 70%
HSV	119°, 45%, 90%
XYZ	41.0297, 62.7151, 30.0214
YIQ	187.7600, -27.7290, -53.6570

Conversions

Conversions Part 2

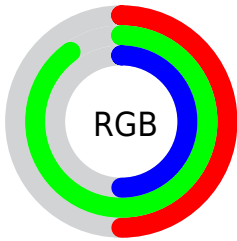
Format	Color
RYB	127, 230, 229
Decimal	8447615
CIELab	83.29, -50.10, 41.02
CIElCh	83, 64.752, 140.691
Yxy	62.7151, 0.3067, 0.4688
Android (android.graphics.Color)	4286637695 (0xFF80E67F)
YUV	187.7600, -29.9547, -52.4095
Hunter-Lab	79.1929, -46.1071, 32.9586

Details

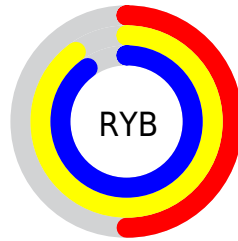
The Hex color **80E67F** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E57FE6**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **BAFFB5**, and **46AE4C** is the 20% darker color. If you saturate the color by 10%, you get **69E668**, and if you desaturate by 10%, it is **97E696**.

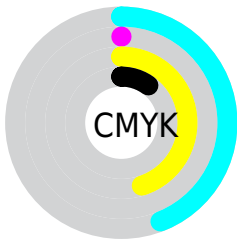
Distribution



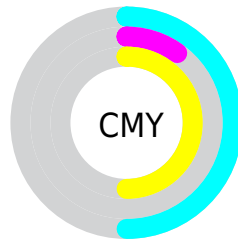
- Red (50%)
- Green (90%)
- Blue (50%)



- Red (50%)
- Yellow (90%)
- Blue (90%)



- Cyan (44%)
- Magenta (0%)
- Yellow (45%)
- Black (10%)



- Cyan (50%)
- Magenta (10%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80E67F 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 80E67F by changing the saturation by 10% instead.

 80E67F

 80E67F

FFFFFF

 63C965

 BAFFB5

 46AE4C

 D7FFD1

 249232

 F4FFEE

 007818

 005E00

 004600

 002F00

 001400

 000000

 80E67F

 80E67F

 69E668

 97E696

 52E651

 AEE6AD

 3CE63A

 C4E6C4

 25E623

 DBE6DB

 0EE60C

 F2E6F2

 02E600

 FFE6FF

Harmonies

Analogous

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



C9D957



80E67F



00EDBA

Triad

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



80E67F



00DCFF



FF9DA8

Complementary

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



80E67F



E57FE6

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.



FF9CE5



80E67F



B3C7FF

Square

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



80E67F



00E8FF



FFAEFF



FFAF73

Rectangle

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



80E67F



00EEE4



FFAEFF



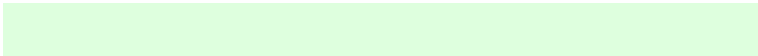
FF9ABC

Sweetspot

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



80E67F



DEFFDE



E6E47F



6B806B



000000



808080

Same Dimension

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



80E67F



77FF75



7FE6B1



677367



02B300



003300

Inverse Universe

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



E57FE6



FE75FF



E67FB4



736773



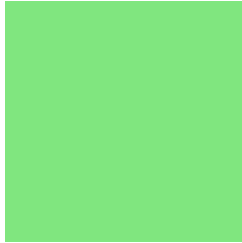
B100B3



330033

Previews

White Background



This preview shows how the Hex color 80E67F looks on a white background.

Color Contrast Check

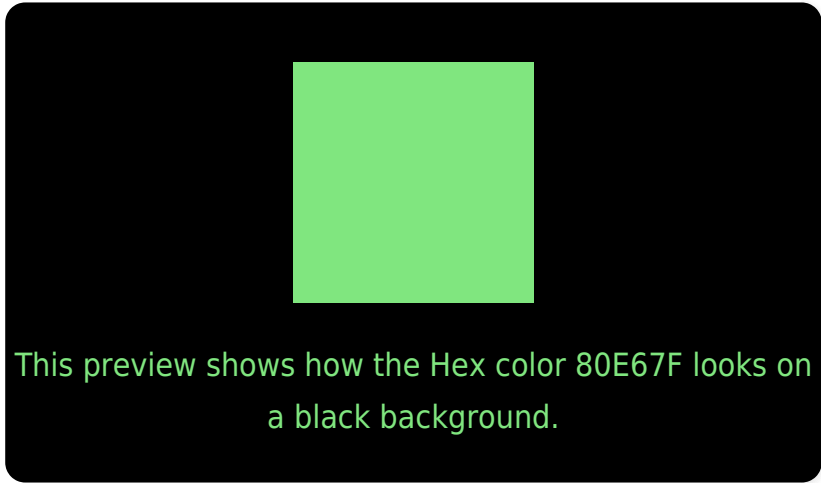
Large Text (above 18pt) WCAG AA × Fail

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

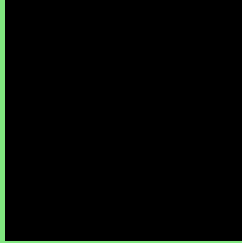
Any Text WCAG AA ✓ Pass

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 80E67F Background



This preview shows how black text looks on a background with the Hex color 80E67F.

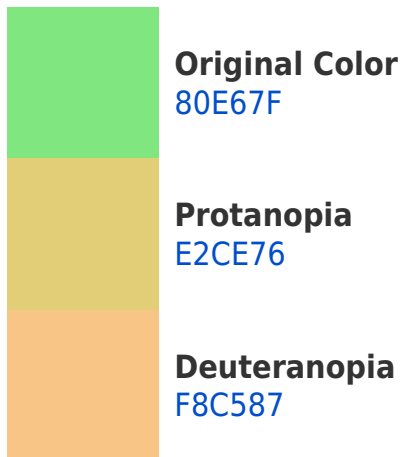


This preview shows how white text looks on a background with the Hex color 80E67F.

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](#).

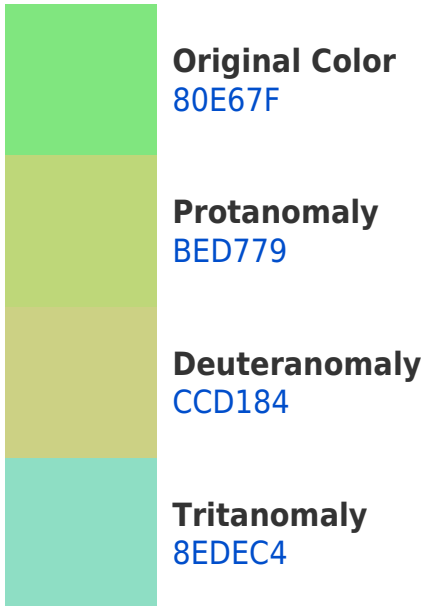
Dichromacy



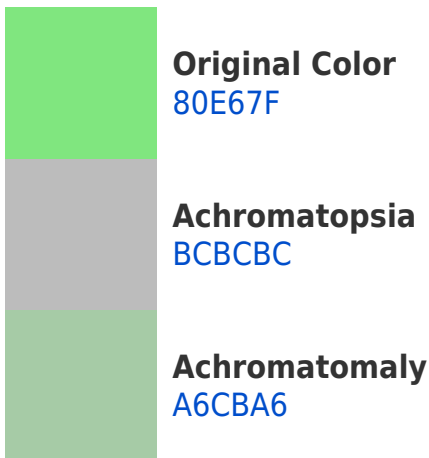


Tritanopia
96DAEB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80E67F 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 #80E67F looks like.

```
.text, #text, p{  
    color:#80E67F  
}
```

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 #80E67F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80E67F
}
```

Border

The CSS property to change the border of an element to Hex 80E67F 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
#80E67F }
```

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

```
.border{ border-color:#80E67F }
```

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

Here you see how a box with a 4 pixel #80E67F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80E67F; -webkit-box-shadow:4px 4px  
4px 4px #80E67F; box-shadow:4px 4px 4px  
4px #80E67F }
```

Background

The CSS property to change the background color of an element to Hex 80E67F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80E67F }
```

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

```
.background{ background-color:#80E67F }
```

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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