

Converting Colors

Hex(80E58D)

Have a look what the booklet for
Hex(80E58D) contains.

Hex(80E58D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(80E58D)

Conversions

Conversions Part 1

Format	Color
Hex	80E58D
RGB	128, 229, 141
RGB Percent	50%, 90%, 55%
CMY	0.4980, 0.1020, 0.4471
CMYK	0.44, 0.00, 0.38, 0.10
HSL	128°, 66%, 70%
HSV	128°, 44%, 90%
XYZ	41.7291, 62.5509, 35.0735
YIQ	188.7690, -31.9480, -48.7800

Conversions

Conversions Part 2

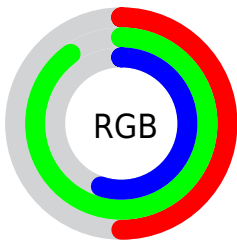
Format	Color
RYB	128, 217, 229
Decimal	8447373
CIELab	83.21, -47.59, 33.94
CIElCh	83, 58.457, 144.502
Yxy	62.5509, 0.2994, 0.4489
Android (android.graphics.Color)	4286637453 (0xFF80E58D)
YUV	188.7690, -23.5501, -53.2944
Hunter-Lab	79.0891, -44.2256, 29.0692

Details

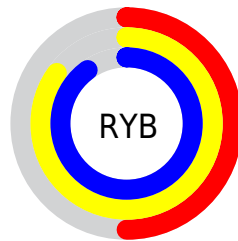
The Hex color **80E58D** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E580D8**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **B9FFC3**, and **47AD5A** is the 20% darker color. If you saturate the color by 10%, you get **69E579**, and if you desaturate by 10%, it is **97E5A1**.

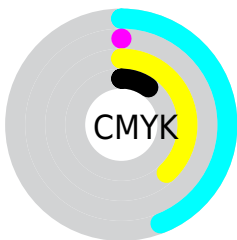
Distribution



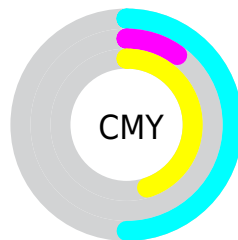
- Red (50%)
- Green (90%)
- Blue (55%)



- Red (50%)
- Yellow (85%)
- Blue (90%)



- Cyan (44%)
- Magenta (0%)
- Yellow (38%)
- Black (10%)



- Cyan (50%)
- Magenta (10%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80E58D 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 80E58D by changing the saturation by 10% instead.

 80E58D

 80E58D

FFFFFF

 64C973

 B9FFC3

 47AD5A

 D6FFE0

 269241

 F4FFFC

 007729

 005E10

 004500

 002E00

 001300

 000000

 80E58D

 80E58D

 69E579

 97E5A1

 52E565

 AEE5B5

 3BE551

 C5E5C9

 24E53D

 DCE5DD

 0DE529

 F3E5F1

 00E51D

 FFE5FF

Harmonies

Analogous

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



C3DA67



80E58D



00EBC3

Triad

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



80E58D



4CD8FF



FFA4A5

Complementary

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



80E58D



E580D8

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.



FFA2DC



80E58D



C3C5FF

Square

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



80E58D



00E5FF



FFAFFF



FFB577

Rectangle

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



80E58D



00EBE9



FFAFFF



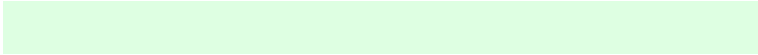
FFA1B7

Sweetspot

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



80E58D



DEFFE2



D9E580



6B806E



000000



808080

Same Dimension

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



80E58D



78FF89



80E5BE



677369



00B317



003307

Inverse Universe

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



E580D8



FF78EE



E580A7



736771



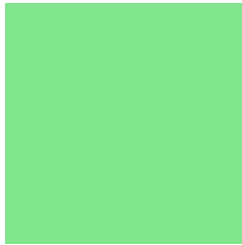
B3009C



33002C

Previews

White Background



This preview shows how the Hex color 80E58D 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 80E58D 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 80E58D Background



This preview shows how black text looks on a background with the Hex color 80E58D.

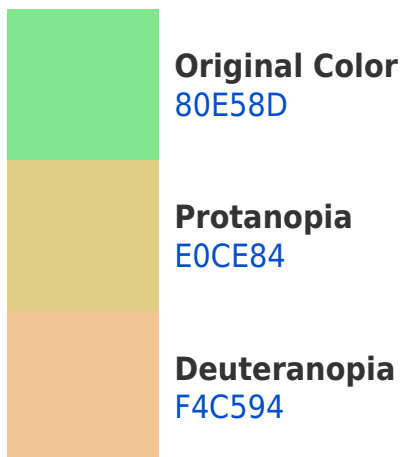


This preview shows how white text looks on a background with the Hex color 80E58D.

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](#).

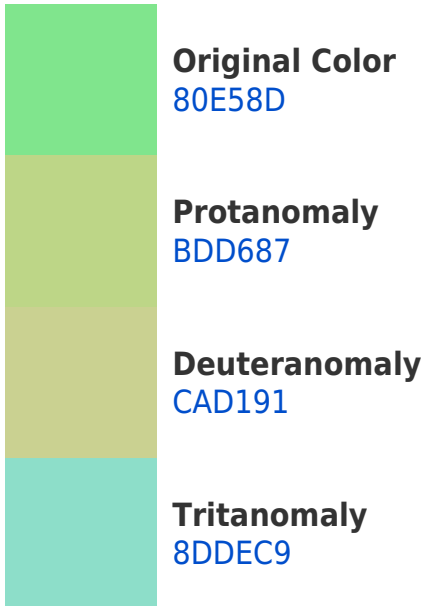
Dichromacy



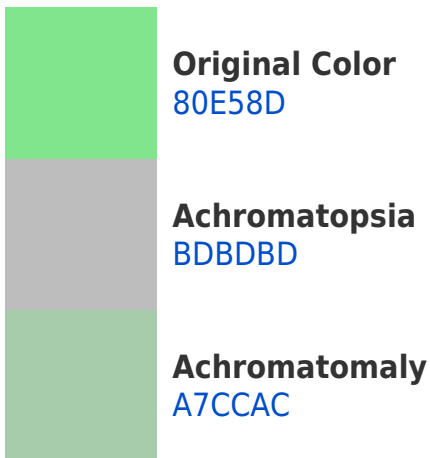


Tritanopia
94DAEB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80E58D 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 #80E58D looks like.

```
.text, #text, p{  
    color:#80E58D  
}
```

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 #80E58D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80E58D
}
```

Border

The CSS property to change the border of an element to Hex 80E58D 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
#80E58D }
```

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

```
.border{ border-color:#80E58D }
```

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

Here you see how a box with a 4 pixel #80E58D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80E58D; -webkit-box-shadow:4px 4px  
4px 4px #80E58D; box-shadow:4px 4px 4px  
4px #80E58D }
```

Background

The CSS property to change the background color of an element to Hex 80E58D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80E58D }
```

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

```
.background{ background-color:#80E58D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor