

Converting Colors

Hex(80E5A6)

Have a look what the booklet for
Hex(80E5A6) contains.

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Color

Hex(80E5A6)

Conversions

Conversions Part 1

Format	Color
Hex	80E5A6
RGB	128, 229, 166
RGB Percent	50%, 90%, 65%
CMY	0.4980, 0.1020, 0.3490
CMYK	0.44, 0.00, 0.28, 0.10
HSL	143°, 66%, 70%
HSV	143°, 44%, 90%
XYZ	43.8043, 63.3810, 46.0014
YIQ	191.6190, -39.9730, -41.0050

Conversions

Conversions Part 2

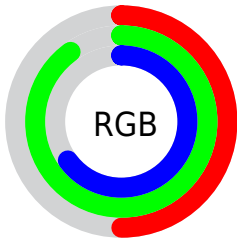
Format	Color
RYB	128, 201, 229
Decimal	8447398
CIELab	83.64, -43.28, 21.73
CIELCh	84, 48.425, 153.344
Yxy	63.3810, 0.2860, 0.4137
Android (android.graphics.Color)	4286637478 (0xFF80E5A6)
YUV	191.6190, -12.6302, -55.7939
Hunter-Lab	79.6122, -41.1068, 21.4696

Details

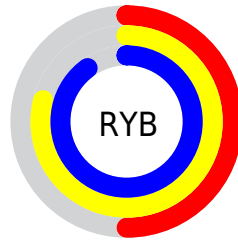
The Hex color **80E5A6** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E580BF**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **B9FFDD**, and **47AD72** is the 20% darker color. If you saturate the color by 10%, you get **69E598**, and if you desaturate by 10%, it is **97E5B4**.

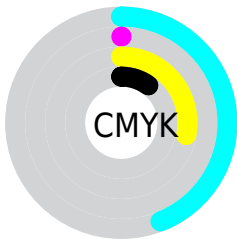
Distribution



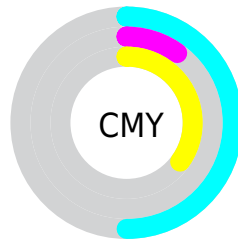
- Red (50%)
- Green (90%)
- Blue (65%)



- Red (50%)
- Yellow (79%)
- Blue (90%)



- Cyan (44%)
- Magenta (0%)
- Yellow (28%)
- Black (10%)



- Cyan (50%)
- Magenta (10%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80E5A6 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 80E5A6 by changing the saturation by 10% instead.

 80E5A6

 80E5A6

FFFFFF

 64C98B

 B9FFDD

 47AD72

 D6FFFA

 279259

 F4FFFF

 007741

 005E2A

 004515

 002E00

 001500

 000000

 80E5A6

 80E5A6

 69E598

 97E5B4

 52E589

 AEE5C3

 3BE57B

 C5E5D1

 24E56D

 DCE5DF

 0DE55F

 F3E5ED

 00E556

 FFE5FC

 FFE5FF

Harmonies

Analogous

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



B9DD82



80E5A6



2FE9D4

Triad

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



80E5A6



93D3FF



FFB1A1

Complementary

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



80E5A6



E580BF

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.



FFACCD



80E5A6



DCC3FF

Square

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



80E5A6



28E0FF



FFB3FA



FFC080

Rectangle

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



80E5A6



00E8F3



FFB3FA



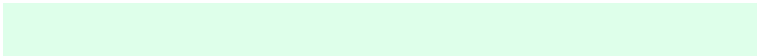
FFAEAF

Sweetspot

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



80E5A6



DEFFEA



C0E580



6B8073



000000



808080

Same Dimension

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



80E5A6



78FFAB



80E5D8



67736C



00B343



003313

Inverse Universe

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



E580BF



FF78CC



E5808D



73676E



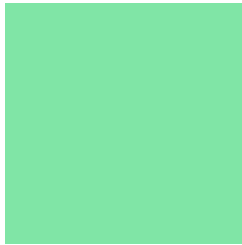
B3006F



330020

Previews

White Background



This preview shows how the Hex color 80E5A6 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 80E5A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

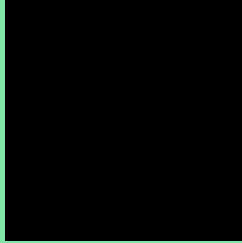
Any Text WCAG AA ✓ Pass

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 80E5A6 Background



This preview shows how black text looks on a background with the Hex color 80E5A6.

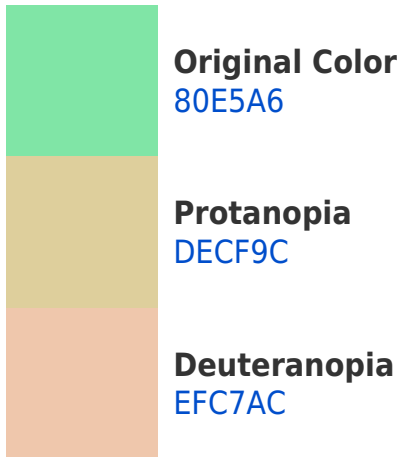


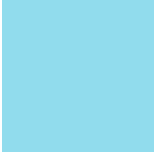
This preview shows how white text looks on a background with the Hex color 80E5A6.

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
91DCED

Trichromacy



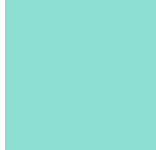
Original Color
80E5A6



Protanomaly
BCD7A0



Deuteranomaly
C7D2AA

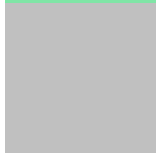


Tritanomaly
8BDFD3

Monochromacy



Original Color
80E5A6



Achromatopsia
C0C0C0



Achromatomaly
A9CDB7

CSS Examples

Text

The CSS property to change the color of the text to Hex 80E5A6 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 #80E5A6 looks like.

```
.text, #text, p{  
    color:#80E5A6  
}
```

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 #80E5A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80E5A6
}
```

Border

The CSS property to change the border of an element to Hex 80E5A6 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
#80E5A6 }
```

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

```
.border{ border-color:#80E5A6 }
```

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

Here you see how a box with a 4 pixel #80E5A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80E5A6; -webkit-box-shadow:4px 4px  
4px 4px #80E5A6; box-shadow:4px 4px 4px  
4px #80E5A6 }
```

Background

The CSS property to change the background color of an element to Hex 80E5A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80E5A6 }
```

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

```
.background{ background-color:#80E5A6 }
```

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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