

# Converting Colors

Hex(80E0BD)

Have a look what the booklet for  
Hex(80E0BD) contains.

<b>Hex(80E0BD)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(80E0BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80E0BD
RGB	128, 224, 189
RGB Percent	50%, 88%, 74%
CMY	0.4980, 0.1216, 0.2588
CMYK	0.43, 0.00, 0.16, 0.12
HSL	158°, 61%, 69%
HSV	158°, 43%, 88%
XYZ	44.7430, 61.5746, 57.6710
YIQ	191.3060, -45.9810, -31.2370

# Conversions

## Conversions Part 2

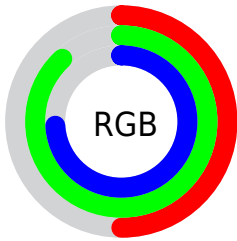
Format	Color
<a href="#">RYB</a>	<a href="#">128, 187, 224</a>
Decimal	<a href="#">8446141</a>
CIELab	<a href="#">82.69, -36.42, 8.33</a>
CIELCh	<a href="#">83, 37.360, 167.116</a>
Yxy	<a href="#">61.5746, 0.2728, 0.3755</a>
Android (android.graphics.Color)	<a href="#">4286636221 (0xFF80E0BD)</a>
YUV	<a href="#">191.3060, -1.1369, -55.5194</a>
Hunter-Lab	<a href="#">78.4695, -35.5415, 11.3536</a>

# Details

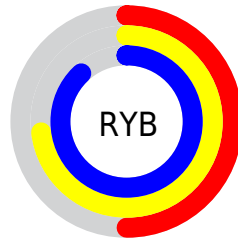
The Hex color **80E0BD** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E080A3**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B9FFF5**, and **47A888** is the 20% darker color. If you saturate the color by 10%, you get **6AE0B5**, and if you desaturate by 10%, it is **96E0C5**.

# Distribution



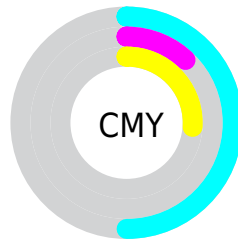
- Red (50%)
- Green (88%)
- Blue (74%)



- Red (50%)
- Yellow (73%)
- Blue (88%)



- Cyan (43%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)



- Cyan (50%)
- Magenta (12%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80E0BD 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 80E0BD by changing the saturation by 10% instead.



 80E0BD

 80E0BD

FFFFFF

 64C4A2

 B9FFF5

 47A888

 D6FFFF

 288D6E

 F3FFFF

 007356

 005A3F

 004229

 002B14

 001100

 000000

 80E0BD

 80E0BD

 6AE0B5

 96E0C5

 53E0AD

 ADE0CD

 3DE0A5

 C3E0D6

 26E09C

 DAE0DE

 10E094

 F0E0E6

 00E08E

 FFE0EE

 FFE0F6

 FFE0FE

 FFE0FF

# Harmonies

## Analogous

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



AADB9D



80E0BD



5CE1E1

# Triad

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



80E0BD



BDCAFF



FFBB9C

# Complementary

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



80E0BD



E080A3

# 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.



FFB4BB



80E0BD



EBBEFE

# Square

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



80E0BD



87D6FF



FFB5DE



F4C68A

# Rectangle

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



80E0BD



56DFF7



FFB5DE



FFB8A5

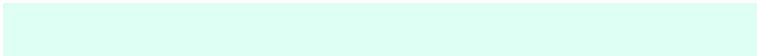


# Sweetspot

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



80E0BD



DEFFF3



A3E080



6B8078



000000



808080

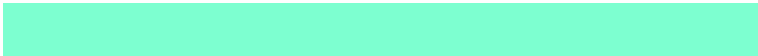


# Same Dimension

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



80E0BD



7DFFD0



80D3E0



65706C



00B070



00301F



# Inverse Universe

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



E080A3



FF7DAC



E08D80



706569



B00040



300012



# Previews

## White Background



This preview shows how the Hex color 80E0BD looks on a white background.

## Color Contrast Check

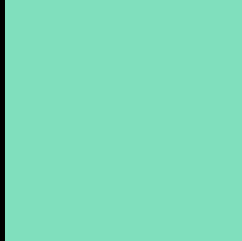
Large Text (above 18pt) WCAG AA × Fail

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 80E0BD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

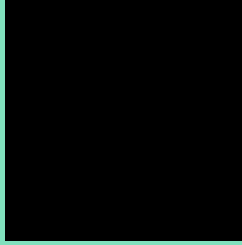
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 80E0BD Background



This preview shows how black text looks on a background with the Hex color 80E0BD.

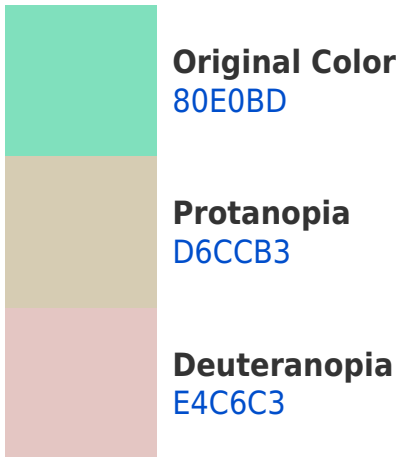


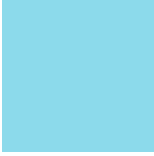
This preview shows how white text looks on a background with the Hex color 80E0BD.

# 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](#).

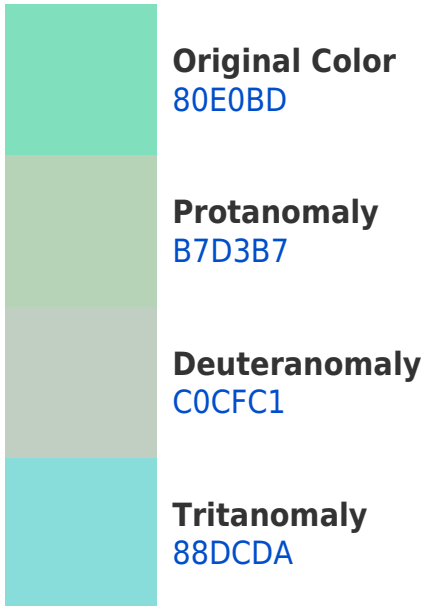
## Dichromacy



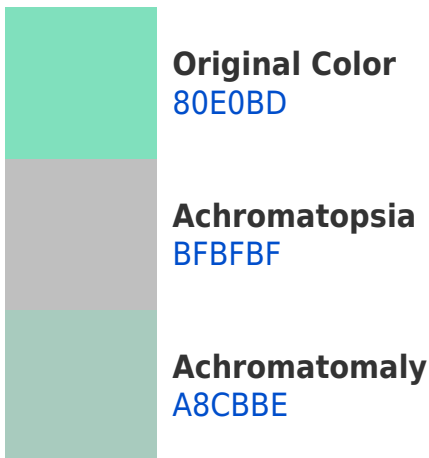


**Tritanopia**  
8CDAEB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80E0BD 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 #80E0BD looks like.

```
.text, #text, p{  
    color:#80E0BD  
}
```

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 #80E0BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80E0BD  
}
```

## Border

The CSS property to change the border of an element to Hex 80E0BD 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  
#80E0BD }
```

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

```
.border{ border-color:#80E0BD }
```

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

Here you see how a box with a 4 pixel #80E0BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80E0BD; -webkit-box-shadow:4px 4px  
4px 4px #80E0BD; box-shadow:4px 4px 4px  
4px #80E0BD }
```

# Background

The CSS property to change the background color of an element to Hex 80E0BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80E0BD }
```

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

```
.background{ background-color:#80E0BD }
```

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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