

# Converting Colors

Hex(80EDE7)

Have a look what the booklet for  
Hex(80EDE7) contains.

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# **Color**

**Hex(80EDE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80EDE7
RGB	128, 237, 231
RGB Percent	50%, 93%, 91%
CMY	0.4980, 0.0706, 0.0941
CMYK	0.46, 0.00, 0.03, 0.07
HSL	177°, 75%, 72%
HSV	177°, 46%, 93%
XYZ	53.6101, 70.9271, 86.4661
YIQ	203.7250, -63.0380, -24.9740

# Conversions

## Conversions Part 2

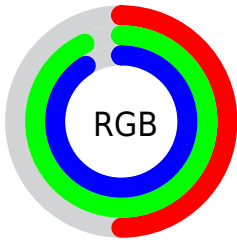
Format	Color
<a href="#">RYB</a>	<a href="#">128, 184, 237</a>
Decimal	<a href="#">8449511</a>
CIELab	<a href="#">87.45, -32.79, -6.85</a>
CIELCh	<a href="#">87, 33.494, 191.794</a>
Yxy	<a href="#">70.9271, 0.2541, 0.3361</a>
Android (android.graphics.Color)	<a href="#">4286639591</a> ( <a href="#">0xFF80EDE7</a> )
YUV	<a href="#">203.7250, 13.4466, -66.4108</a>
Hunter-Lab	<a href="#">84.2182, -33.7557, -1.9197</a>

# Details

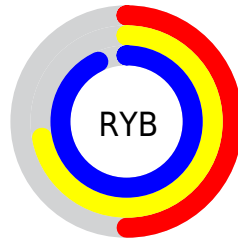
The Hex color **80EDE7** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **ED8086**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **BBFFFF**, and **43B5B0** is the 20% darker color. If you saturate the color by 10%, you get **68EDE6**, and if you desaturate by 10%, it is **98EDE8**.

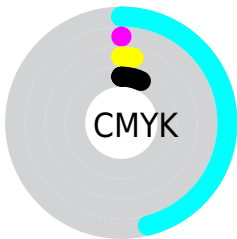
# Distribution



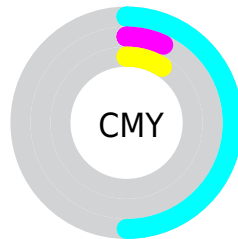
- Red (50%)
- Green (93%)
- Blue (91%)



- Red (50%)
- Yellow (72%)
- Blue (93%)



- Cyan (46%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (50%)
- Magenta (7%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80EDE7 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 80EDE7 by changing the saturation by 10% instead.



 80EDE7

FFFFFF

 BBFFFF

 D8FFFF

 F6FFFF

 80EDE7

 62D1CB

 43B5B0

 1C9A95

 007F7B

 006662

 004D4B

 003634

 00221F

 000006

 80EDE7

 80EDE7

 68EDE6

 98EDE8

 51EDE4

 AFEDEA

 39EDE3

 C7EDEB

 21EDE2

 DFEDEC

 09EDE0

 F6EDEE

 00EDE0

 FFEDEF

 FFEDEF0

 FFEDEF1

 FFEDEF3

# Harmonies

## Analogous

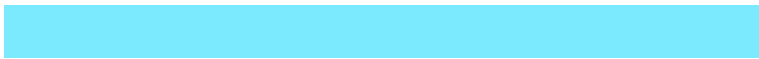
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9DEBC6



80EDE7



7BEAFF

# Triad

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



80EDE7



F0CFFF



FFD39F

# Complementary

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



80EDE7



ED8086

# 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.



FFC9B2



80EDE7



FFC6F0

# Square

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



80EDE7



C5DAFF



FFC4D0



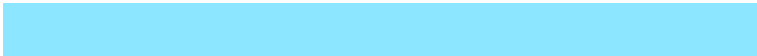
E5DD9D

# Rectangle

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



80EDE7



8CE6FF



FFC4D0



FFCFA4

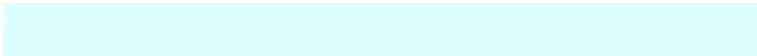


# Sweetspot

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



80EDE7



DBFFFD



87ED80



6A807E



000000



808080



# Same Dimension

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



80EDE7



73FFF7



80BEED



6A7575



00B5AB



003633



# Inverse Universe

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



ED8086



FF737A



EDAF80



756A6A



B5000A



360003



# Previews

## White Background



This preview shows how the Hex color 80EDE7 looks on a white background.

## Color Contrast Check

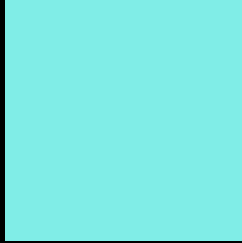
Large Text (above 18pt) WCAG AA × Fail

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 80EDE7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

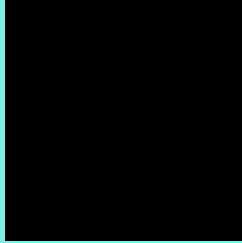
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 80EDE7 Background



This preview shows how black text looks on a background with the Hex color 80EDE7.

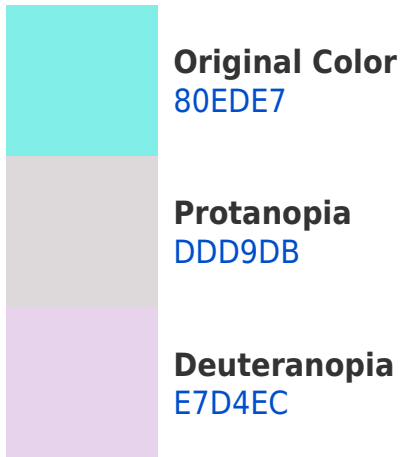


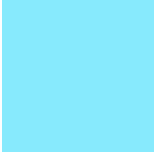
This preview shows how white text looks on a background with the Hex color 80EDE7.

# 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](#).

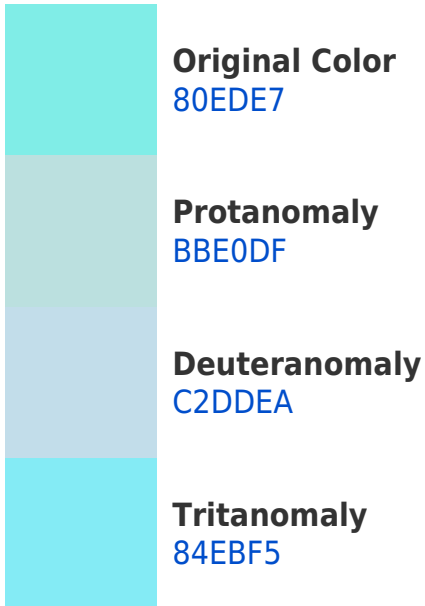
## Dichromacy



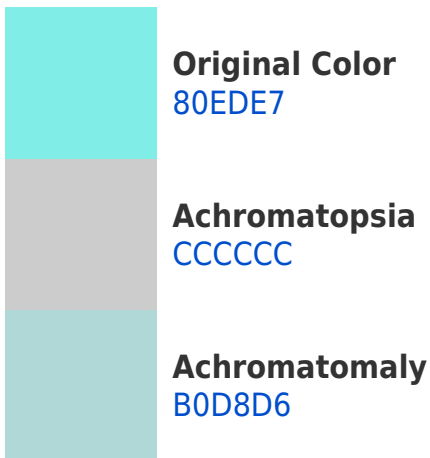


**Tritanopia**  
87EAFD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80EDE7 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 #80EDE7 looks like.

```
.text, #text, p{  
    color:#80EDE7  
}
```

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 #80EDE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80EDE7  
}
```

## Border

The CSS property to change the border of an element to Hex 80EDE7 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  
#80EDE7 }
```

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

```
.border{ border-color:#80EDE7 }
```

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

Here you see how a box with a 4 pixel #80EDE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80EDE7; -webkit-box-shadow:4px 4px  
4px 4px #80EDE7; box-shadow:4px 4px 4px  
4px #80EDE7 }
```

# Background

The CSS property to change the background color of an element to Hex 80EDE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80EDE7 }
```

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

```
.background{ background-color:#80EDE7 }
```

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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