

Converting Colors

Hex(80E2D8)

Have a look what the booklet for
Hex(80E2D8) contains.

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Color

Hex(80E2D8)

Conversions

Conversions Part 1

Format	Color
Hex	80E2D8
RGB	128, 226, 216
RGB Percent	50%, 89%, 85%
CMY	0.4980, 0.1137, 0.1529
CMYK	0.43, 0.00, 0.04, 0.11
HSL	174°, 63%, 69%
HSV	174°, 43%, 89%
XYZ	48.4931, 63.9398, 74.7515
YIQ	195.5580, -55.1980, -23.8860

Conversions

Conversions Part 2

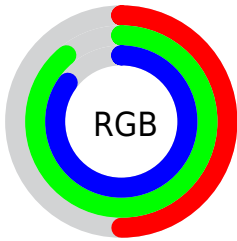
Format	Color
R_{YB}	128, 180, 226
Decimal	8446680
CIE _{Lab}	83.93, -31.22, -4.13
CIE _{LCh}	84, 31.493, 187.542
Yxy	63.9398, 0.2591, 0.3416
Android (android.graphics.Color)	4286636760 (0xFF80E2D8)
YUV	195.5580, 10.0779, -59.2484
Hunter-Lab	79.9624, -31.6829, 0.5474

Details

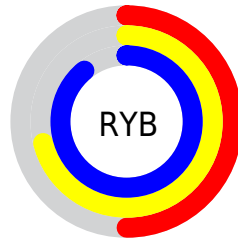
The Hex color **80E2D8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E2808A**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **BAFFFF**, and **46AAA1** is the 20% darker color. If you saturate the color by 10%, you get **69E2D6**, and if you desaturate by 10%, it is **97E2DA**.

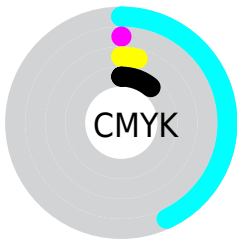
Distribution



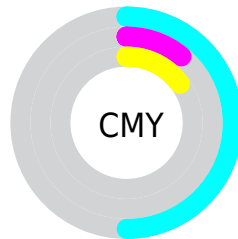
- Red (50%)
- Green (89%)
- Blue (85%)



- Red (50%)
- Yellow (71%)
- Blue (89%)



- Cyan (43%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (50%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80E2D8 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 80E2D8 by changing the saturation by 10% instead.

 80E2D8

 80E2D8

FFFFFF

 63C6BC

 BAFFFF

 46AAA1

 D7FFFF

 248F87

 F4FFFF

 00756E

 005C56

 00443E

 002D29

 001714

 000000

 80E2D8

 80E2D8

 69E2D6

 97E2DA

 53E2D3

 ADE2DD

 3CE2D1

 C4E2DF

 26E2CF

 DAE2E1

 0FE2CC

 F1E2E4

 00E2CB

 FFE2E6

 FFE2E8

 FFE2EA

 FFE2ED

Harmonies

Analogous

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



9CE0BA



80E2D8



78E0F4

Triad

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



80E2D8



DFC7FF



FAC89B

Complementary

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



80E2D8



E2808A

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.



FFBFAF



80E2D8



FEBFE9

Square

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



80E2D8



B7D2FF



FFBCCB



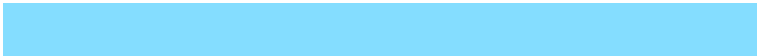
DFD296

Rectangle

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



80E2D8



84DDFF



FFBBCB



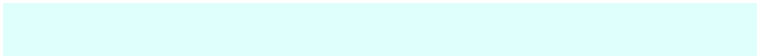
FFC5A0

Sweetspot

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



80E2D8



DEFFFC



8BE280



6B807D



000000



808080

Same Dimension

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



80E2D8



7AFFF1



80BCE2



65706F



00B09E



00302C

Inverse Universe

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



E2808A



FF7A88



E2A680



706566



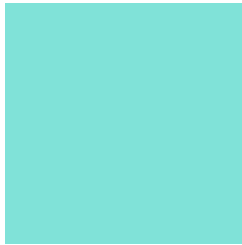
B00012



300005

Previews

White Background



This preview shows how the Hex color 80E2D8 looks on a white background.

Color Contrast Check

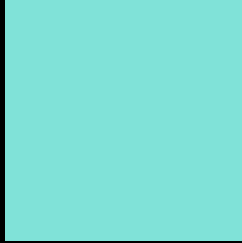
Large Text (above 18pt) WCAG AA × Fail

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 80E2D8 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 80E2D8 Background



This preview shows how black text looks on a background with the Hex color 80E2D8.

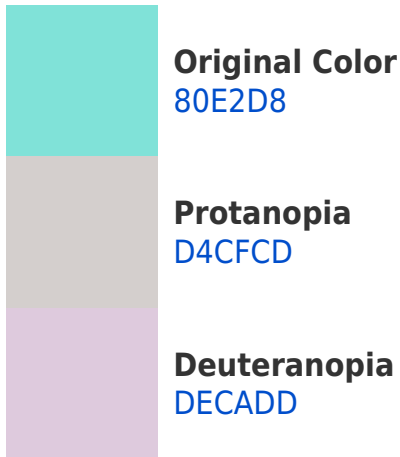


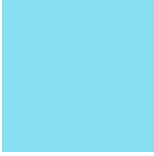
This preview shows how white text looks on a background with the Hex color 80E2D8.

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](#).

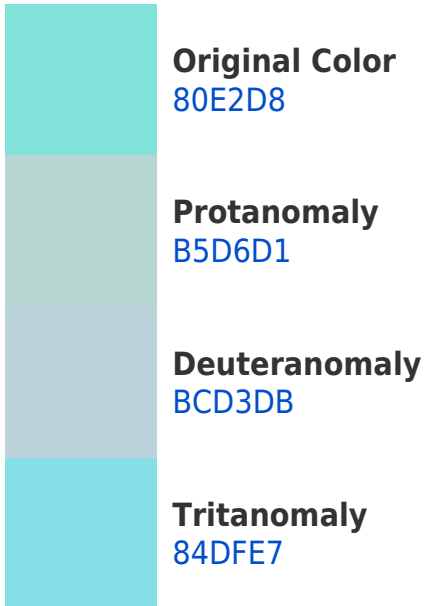
Dichromacy



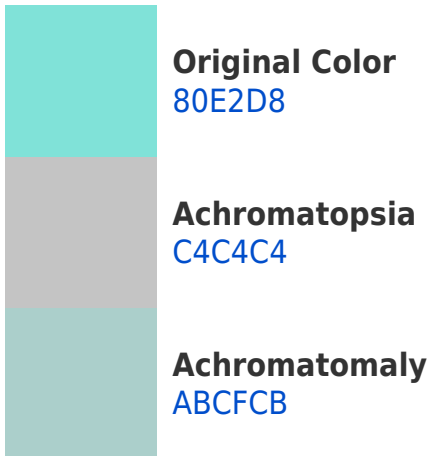


Tritanopia
87DEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80E2D8 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 #80E2D8 looks like.

```
.text, #text, p{  
    color:#80E2D8  
}
```

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 #80E2D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80E2D8
}
```

Border

The CSS property to change the border of an element to Hex 80E2D8 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
#80E2D8 }
```

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

```
.border{ border-color:#80E2D8 }
```

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

Here you see how a box with a 4 pixel #80E2D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80E2D8; -webkit-box-shadow:4px 4px  
4px 4px #80E2D8; box-shadow:4px 4px 4px  
4px #80E2D8 }
```

Background

The CSS property to change the background color of an element to Hex 80E2D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80E2D8 }
```

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

```
.background{ background-color:#80E2D8 }
```

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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