

Converting Colors

Hex(80D8EC)

Have a look what the booklet for
Hex(80D8EC) contains.

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Color

Hex(80D8EC)

Conversions

Conversions Part 1

Format	Color
Hex	80D8EC
RGB	128, 216, 236
RGB Percent	50%, 85%, 93%
CMY	0.4980, 0.1529, 0.0745
CMYK	0.46, 0.08, 0.00, 0.07
HSL	191°, 74%, 71%
HSV	191°, 46%, 93%
XYZ	48.5983, 59.7571, 88.3297
YIQ	191.9680, -58.8680, -12.4360

Conversions

Conversions Part 2

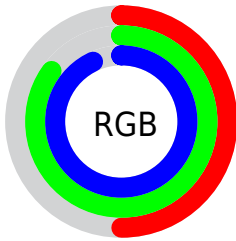
Format	Color
RYB	128, 176, 236
Decimal	8444140
CIELab	81.71, -21.33, -18.07
CIELCh	82, 27.953, 220.275
Yxy	59.7571, 0.2471, 0.3038
Android (android.graphics.Color)	4286634220 (0xFF80D8EC)
YUV	191.9680, 21.7078, -56.0999
Hunter-Lab	77.3027, -23.0612, -13.6357

Details

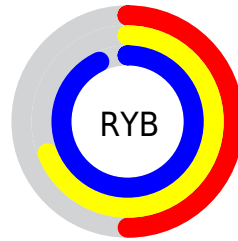
The Hex color **80D8EC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EC9480**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **BAFFFF**, and **45A1B4** is the 20% darker color. If you saturate the color by 10%, you get **68D4EC**, and if you desaturate by 10%, it is **98DCEC**.

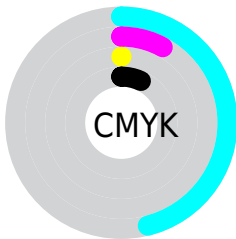
Distribution



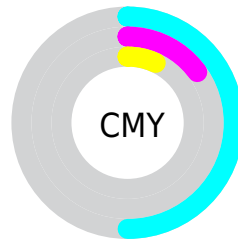
- Red (50%)
- Green (85%)
- Blue (93%)



- Red (50%)
- Yellow (69%)
- Blue (93%)



- Cyan (46%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (50%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80D8EC 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 80D8EC by changing the saturation by 10% instead.

 80D8EC

 80D8EC

FFFFFF

 63BCD0

 BAFFFF

 45A1B4

 D7FFFF

 228799

 F5FFFF

 006D7F

 005566

 003D4E

 002737

 000D22

 000009

 80D8EC

 80D8EC

 68D4EC

 98DCEC

 51CFEC

 AFE1EC

 39CBEC

 C7E5EC

 22C7EC

 DEE9EC

 0AC2EC

 F6EEEC

 00C0EC

 FFF2EC

 FFF7EC

 FFFBEC

 FFFFEC

Harmonies

Analogous

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



84DAD3



80D8EC



95D3FC

Triad

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



80D8EC



F4BADD



D5CC97

Complementary

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



80D8EC



EC9480

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.



EEC49A



80D8EC



FFB8C3

Square

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



80D8EC



DBC1F3



FDBCAA



B8D4A3

Rectangle

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



80D8EC



ABCDFE



FDBCAA



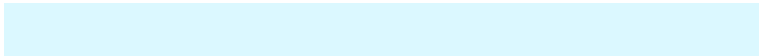
DEC997

Sweetspot

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



80D8EC



DBF8FF



80EC94



6A7B80



000000



808080

Same Dimension

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



80D8EC



73E5FF



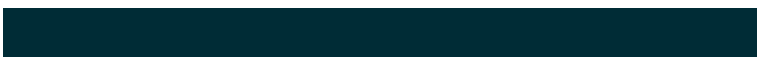
80A2EC



6A7375



0094B5



002C36

Inverse Universe

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



EC80D8



FF73E5



ECCA80



756A73



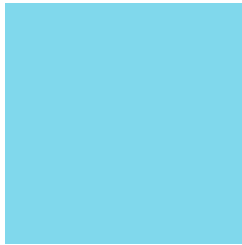
B50094



36002C

Previews

White Background



This preview shows how the Hex color 80D8EC looks on a white background.

Color Contrast Check

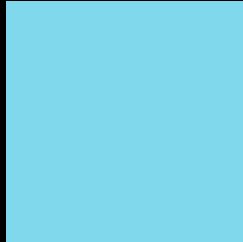
Large Text (above 18pt) WCAG AA × Fail

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 80D8EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

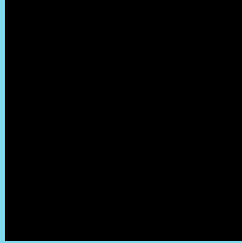
Any Text WCAG AA ✓ Pass

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 80D8EC Background



This preview shows how black text looks on a background with the Hex color 80D8EC.

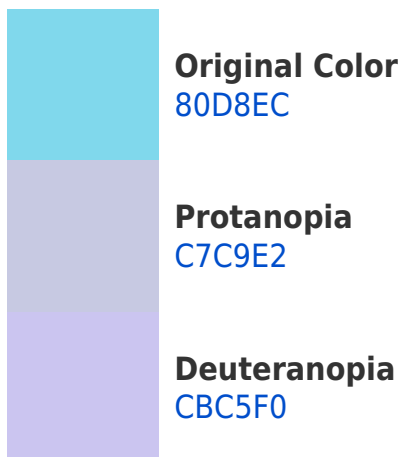


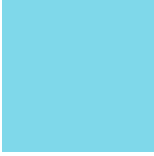
This preview shows how white text looks on a background with the Hex color 80D8EC.

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



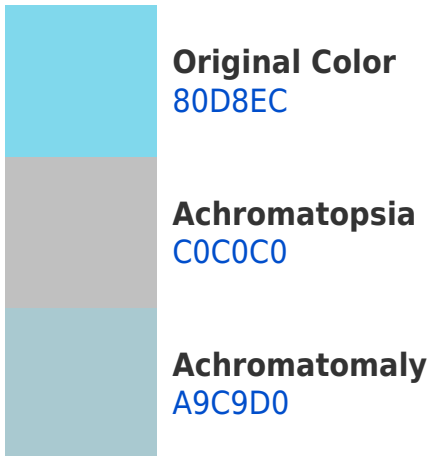


Tritanopia
7FD8EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80D8EC 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 #80D8EC looks like.

```
.text, #text, p{  
    color:#80D8EC  
}
```

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 #80D8EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D8EC
}
```

Border

The CSS property to change the border of an element to Hex 80D8EC 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
#80D8EC }
```

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

```
.border{ border-color:#80D8EC }
```

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

Here you see how a box with a 4 pixel #80D8EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D8EC; -webkit-box-shadow:4px 4px  
4px 4px #80D8EC; box-shadow:4px 4px 4px  
4px #80D8EC }
```

Background

The CSS property to change the background color of an element to Hex 80D8EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D8EC }
```

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

```
.background{ background-color:#80D8EC }
```

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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