

Converting Colors

Hex(80D8E9)

Have a look what the booklet for
Hex(80D8E9) contains.

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Color

Hex(80D8E9)

Conversions

Conversions Part 1

Format	Color
Hex	80D8E9
RGB	128, 216, 233
RGB Percent	50%, 85%, 91%
CMY	0.4980, 0.1529, 0.0863
CMYK	0.45, 0.07, 0.00, 0.09
HSL	190°, 70%, 71%
HSV	190°, 45%, 91%
XYZ	48.1659, 59.5841, 86.0531
YIQ	191.6260, -57.9050, -13.3690

Conversions

Conversions Part 2

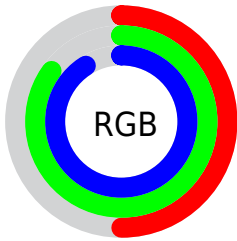
Format	Color
R _Y B	128, 176, 233
Decimal	8444137
CIE Lab	81.61, -22.11, -16.62
CIE LCh	82, 27.657, 216.927
Yxy	59.5841, 0.2485, 0.3074
Android (android.graphics.Color)	4286634217 (0xFF80D8E9)
YUV	191.6260, 20.3974, -55.8000
Hunter-Lab	77.1908, -23.7023, -12.0636

Details

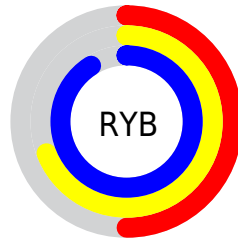
The Hex color **80D8E9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E99180**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **BAFFFF**, and **45A1B1** is the 20% darker color. If you saturate the color by 10%, you get **69D4E9**, and if you desaturate by 10%, it is **97DCE9**.

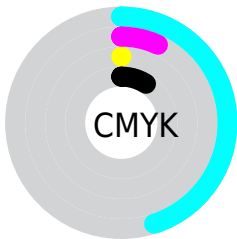
Distribution



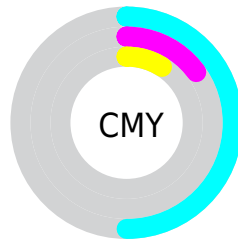
- Red (50%)
- Green (85%)
- Blue (91%)



- Red (50%)
- Yellow (69%)
- Blue (91%)



- Cyan (45%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (50%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80D8E9 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 80D8E9 by changing the saturation by 10% instead.

 80D8E9

 80D8E9

FFFFFF

 63BCCD

 BAFFFF

 45A1B1

 D7FFFF

 238797

 F5FFFF

 006D7D

 005564

 003D4C

 002735

 000D20

 000005

80D8E9

80D8E9

69D4E9

97DCE9

51D0E9

AFE0E9

3ACDE9

C6E3E9

23C9E9

DDE7E9

0CC5E9

F4EBE9

00C3E9

FFEFE9

FFF2E9

FFF6E9

FFFAE9

Harmonies

Analogous

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



86DAD0



80D8E9



92D3FA

Triad

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



80D8E9



F1BBE0



D8CB97

Complementary

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



80D8E9



E99180

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.



EFC29C



80D8E9



FFB8C6

Square

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



80D8E9



D7C2F4



FE99A9



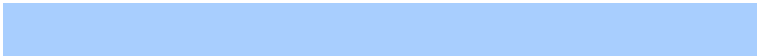
BDB76B

Rectangle

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



80D8E9



A8CEFE



FEBBAD



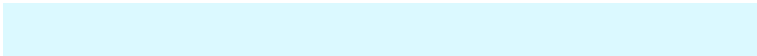
E1C897

Sweetspot

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



80D8E9



DBF9FF



80E990



6A7C80



000000



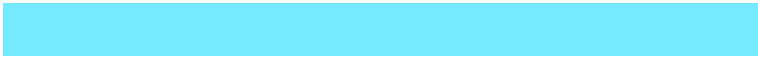
808080

Same Dimension

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



80D8E9



75E9FF



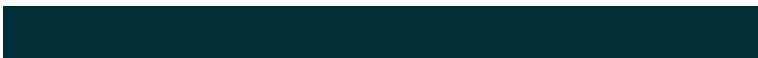
80A5E9



6A7375



0098B5



002D36

Inverse Universe

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



E980D8



FF75E9



E9C480



756A73



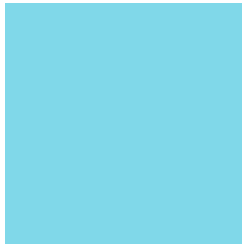
B50098



36002D

Previews

White Background



This preview shows how the Hex color 80D8E9 looks on a white background.

Color Contrast Check

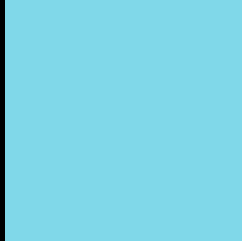
Large Text (above 18pt) WCAG AA × Fail

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 80D8E9 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 80D8E9 Background



This preview shows how black text looks on a background with the Hex color 80D8E9.

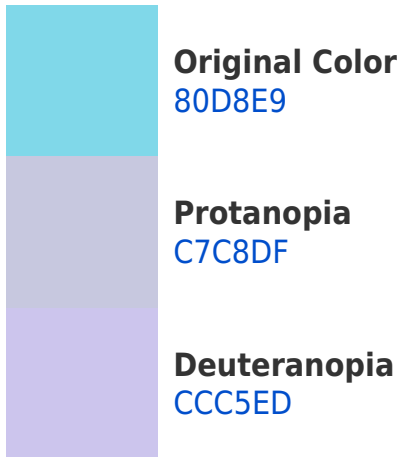


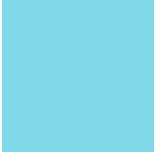
This preview shows how white text looks on a background with the Hex color 80D8E9.

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](#).

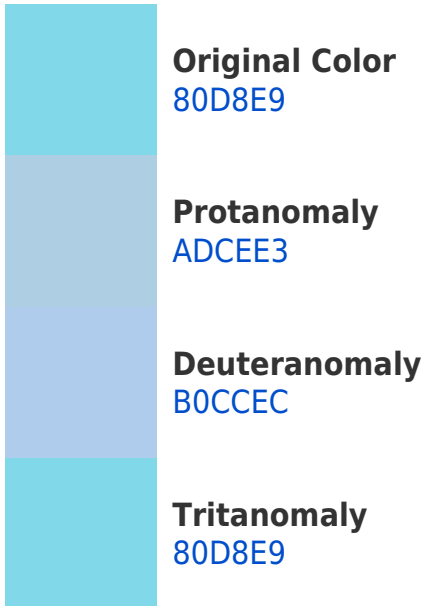
Dichromacy



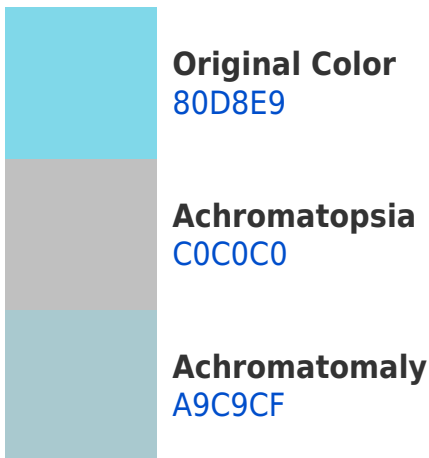


Tritanopia
80D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80D8E9 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 #80D8E9 looks like.

```
.text, #text, p{  
    color:#80D8E9  
}
```

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 #80D8E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D8E9
}
```

Border

The CSS property to change the border of an element to Hex 80D8E9 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
#80D8E9 }
```

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

```
.border{ border-color:#80D8E9 }
```

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

Here you see how a box with a 4 pixel #80D8E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D8E9; -webkit-box-shadow:4px 4px  
4px 4px #80D8E9; box-shadow:4px 4px 4px  
4px #80D8E9 }
```

Background

The CSS property to change the background color of an element to Hex 80D8E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D8E9 }
```

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

```
.background{ background-color:#80D8E9 }
```

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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