

Converting Colors

Hex(80C0EC)

Have a look what the booklet for
Hex(80C0EC) contains.

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Color

Hex(80C0EC)

Conversions

Conversions Part 1

Format	Color
Hex	80C0EC
RGB	128, 192, 236
RGB Percent	50%, 75%, 93%
CMY	0.4980, 0.2471, 0.0745
CMYK	0.46, 0.19, 0.00, 0.07
HSL	204°, 74%, 71%
HSV	204°, 46%, 93%
XYZ	42.8920, 48.3446, 86.4277
YIQ	177.8800, -52.2680, 0.1160

Conversions

Conversions Part 2

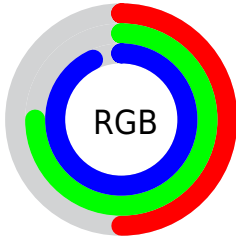
Format	Color
R _Y B	128, 168, 236
Decimal	8437996
CIE Lab	75.04, -8.91, -28.21
CIE LCh	75, 29.584, 252.480
Yxy	48.3446, 0.2414, 0.2721
Android (android.graphics.Color)	4286628076 (0xFF80C0EC)
YUV	177.8800, 28.6532, -43.7448
Hunter-Lab	69.5303, -11.5644, -25.0276

Details

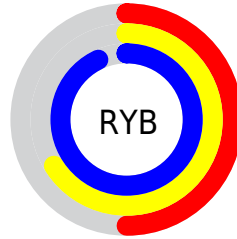
The Hex color **80C0EC** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **ECAC80**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B9F8FF**, and **478BB4** is the 20% darker color. If you saturate the color by 10%, you get **68B6EC**, and if you desaturate by 10%, it is **98CAEC**.

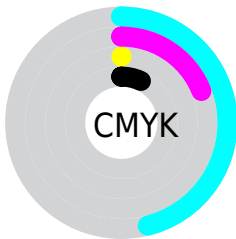
Distribution



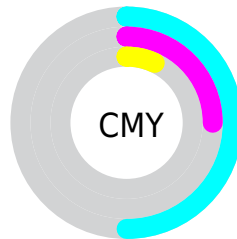
- Red (50%)
- Green (75%)
- Blue (93%)



- Red (50%)
- Yellow (66%)
- Blue (93%)



- Cyan (46%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (50%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80C0EC 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 80C0EC by changing the saturation by 10% instead.

 80C0EC

 80C0EC

FFFFFF

 64A5D0

 B9F8FF

 478BB4

 D6FFFF

 267199

 F4FFFF

 00597F

 004166

 002C4E

 001837

 000221

 000006

80C0EC

80C0EC

68B6EC

98CAEC

51ADEC

AFD3EC

39A3EC

C7DDEC

229AEC

DEE6EC

0A90EC

F6F0EC

008CEC

FFFAEC

FFFFEC

Harmonies

Analogous

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



67C6DD



80C0EC



A7B7EE

Triad

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



80C0EC



F0A5AE



A2C290

Complementary

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



80C0EC



ECAC80

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.



C1BB83



80C0EC



EBA995

Square

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



80C0EC



E5A7CA



DBB285



83C7A7

Rectangle

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



80C0EC



C0B1E7



DBB285



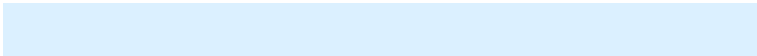
ADC08A

Sweetspot

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



80C0EC



DBF0FF



80ECAB



6A7780



000000



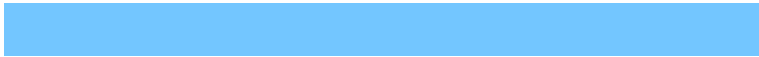
808080

Same Dimension

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



80C0EC



73C6FF



808BEC



6A7175



006BB5



002036

Inverse Universe

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



EC80C0



FF73C6



ECE180



756A71



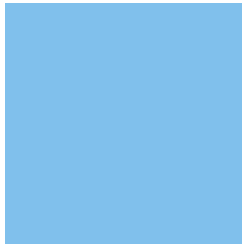
B5006B



360020

Previews

White Background



This preview shows how the Hex color 80C0EC looks on a white background.

Color Contrast Check

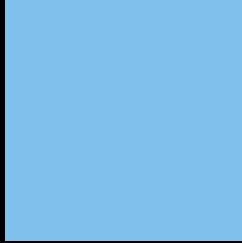
Large Text (above 18pt) WCAG AA × Fail

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 80C0EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

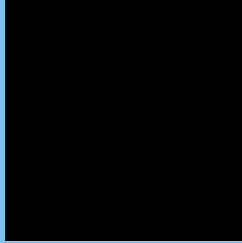
Any Text WCAG AA ✓ Pass

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 80C0EC Background



This preview shows how black text looks on a background with the Hex color 80C0EC.



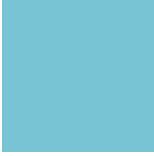
This preview shows how white text looks on a background with the Hex color 80C0EC.

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](#).

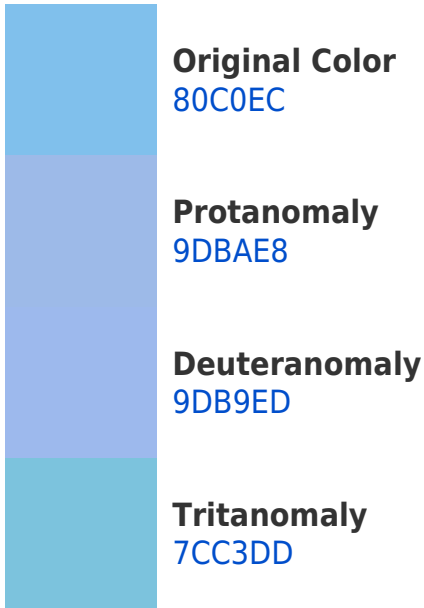
Dichromacy



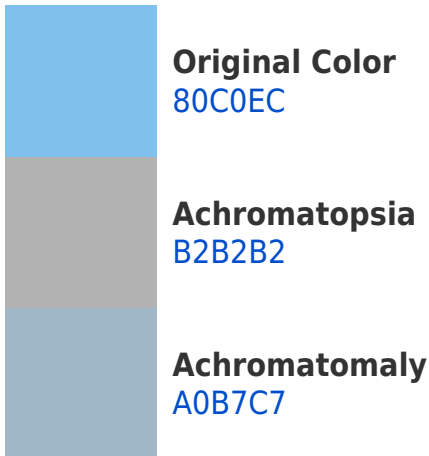


Tritanopia
79C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80C0EC 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 #80C0EC looks like.

```
.text, #text, p{  
    color:#80C0EC  
}
```

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 #80C0EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80C0EC
}
```

Border

The CSS property to change the border of an element to Hex 80C0EC 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
#80C0EC }
```

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

```
.border{ border-color:#80C0EC }
```

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

Here you see how a box with a 4 pixel #80C0EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80C0EC; -webkit-box-shadow:4px 4px  
4px 4px #80C0EC; box-shadow:4px 4px 4px  
4px #80C0EC }
```

Background

The CSS property to change the background color of an element to Hex 80C0EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80C0EC }
```

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

```
.background{ background-color:#80C0EC }
```

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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