

Converting Colors

Hex(80ECFF)

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

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Color

Hex(80ECFF)

Conversions

Conversions Part 1

Format	Color
Hex	80ECFF
RGB	128, 236, 255
RGB Percent	50%, 93%, 100%
CMY	0.4980, 0.0745, 0.0000
CMYK	0.50, 0.07, 0.00, 0.00
HSL	189°, 100%, 75%
HSV	189°, 50%, 100%
XYZ	56.9475, 71.8001, 105.4651
YIQ	205.8740, -70.4670, -16.9870

Conversions

Conversions Part 2

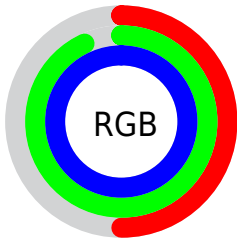
Format	Color
RYB	128, 186, 255
Decimal	8449279
CIELab	87.87, -26.21, -18.79
CIElCh	88, 32.251, 215.646
Yxy	71.8001, 0.2431, 0.3066
Android (android.graphics.Color)	4286639359 (0xFF80ECFF)
YUV	205.8740, 24.2191, -68.2955
Hunter-Lab	84.7349, -28.3222, -14.4807

Details

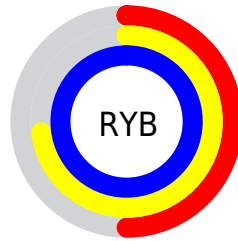
The Hex color **80ECFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF9380**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **BCFFFF**, and **40B4C6** is the 20% darker color. If you saturate the color by 10%, you get **67E8FF**, and if you desaturate by 10%, it is **9AF0FF**.

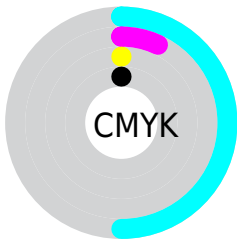
Distribution



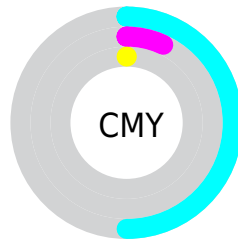
- Red (50%)
- Green (93%)
- Blue (100%)



- Red (50%)
- Yellow (73%)
- Blue (100%)



- Cyan (50%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 80ECFF

FFFFFF

 BCFFFF

 DAFFFF

 F8FFFF

 80ECFF

 61D0E2

 40B4C6

 1299AB

 007F90

 006577

 004D5E

 003646

 002230

 00011B

 80ECFF

 80ECFF

 67E8FF

 9AF0FF

 4DE4FF

 B3F4FF

 33E1FF

 CDF7FF

 1ADDFE

 E6FBFF

 00D9FF

FFFFFF

Harmonies

Analogous

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



8AEEE1



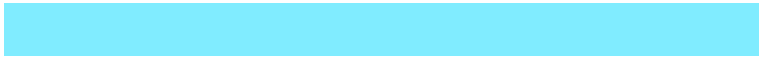
80ECFF



95E6FF

Triad

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



80ECFF



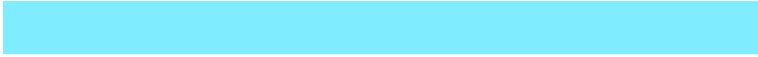
FFC9F6



EDDC9F

Complementary

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



80ECFF



FF9380

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.



FFD2A5



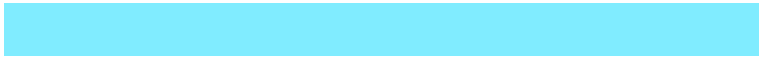
80ECFF



FFC6D8

Square

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



80ECFF



E9D2FF



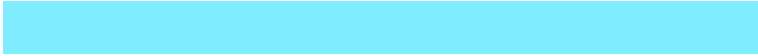
FFC9BA



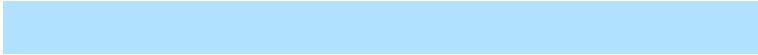
CBE5AA

Rectangle

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



80ECFF



B0E1FF



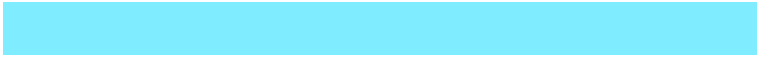
FFC9BA



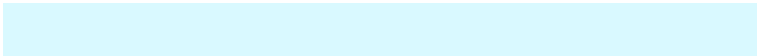
F7D99F

Sweetspot

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



80ECFF



D9F9FF



80FF91



697C80



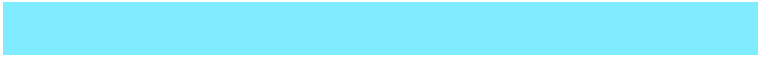
000000



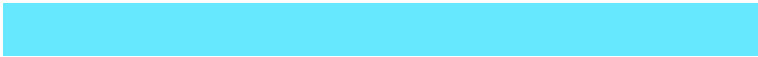
808080

Same Dimension

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



80ECFF



66E8FF



80AFFF



737E80



00A3BF



003640

Inverse Universe

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



FF80EC



FF66E8



FFD080



80737E



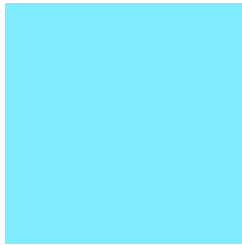
BF00A3



400036

Previews

White Background



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

Color Contrast Check

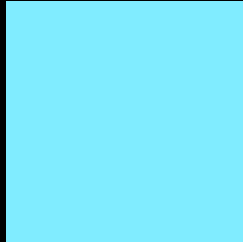
Large Text (above 18pt) WCAG AA × Fail

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 80ECFF 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 80ECFF Background



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

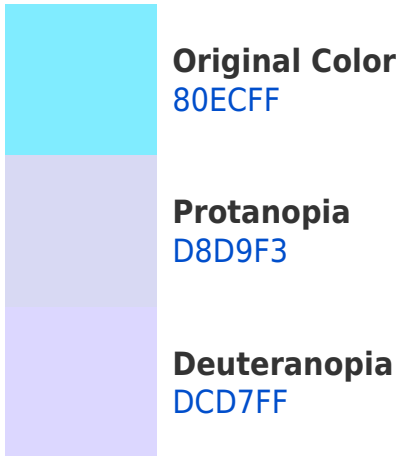


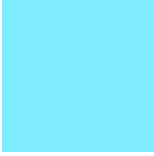
This preview shows how white text looks on a background with the Hex color 80ECFF.

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](#).

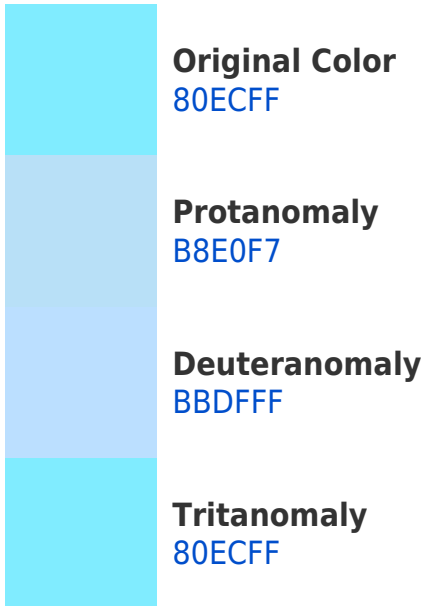
Dichromacy



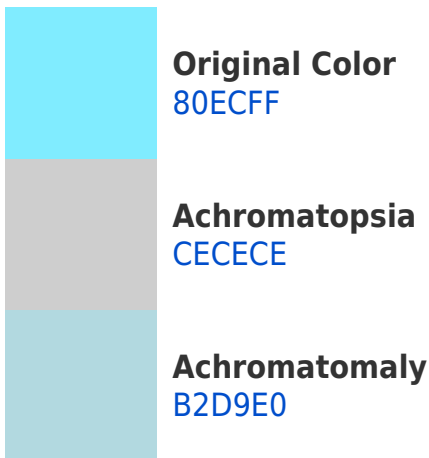


Tritanopia
80ECFF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #80ECFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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