

Converting Colors

Hex(80E9FF)

Have a look what the booklet for
Hex(80E9FF) contains.

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Color

Hex(80E9FF)

Conversions

Conversions Part 1

Format	Color
Hex	80E9FF
RGB	128, 233, 255
RGB Percent	50%, 91%, 100%
CMY	0.4980, 0.0863, 0.0000
CMYK	0.50, 0.09, 0.00, 0.00
HSL	190°, 100%, 75%
HSV	190°, 50%, 100%
XYZ	56.0910, 70.0870, 105.1796
YIQ	204.1130, -69.6420, -15.4180

Conversions

Conversions Part 2

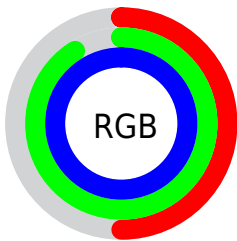
Format	Color
RYB	128, 185, 255
Decimal	8448511
CIELab	87.04, -24.74, -20.05
CIELCh	87, 31.848, 219.022
Yxy	70.0870, 0.2424, 0.3029
Android (android.graphics.Color)	4286638591 (0xFF80E9FF)
YUV	204.1130, 25.0873, -66.7511
Hunter-Lab	83.7180, -26.9116, -15.8867

Details

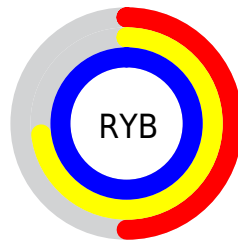
The Hex color **80E9FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF9680**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **BCFFFF**, and **41B1C6** is the 20% darker color. If you saturate the color by 10%, you get **67E5FF**, and if you desaturate by 10%, it is **9AEDFF**.

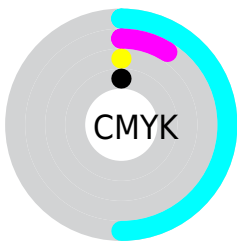
Distribution



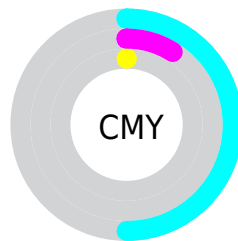
- Red (50%)
- Green (91%)
- Blue (100%)



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



- Cyan (50%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80E9FF 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 80E9FF by changing the saturation by 10% instead.

 80E9FF

FFFFFF

 BCFFFF

 DAFFFF

 F8FFFF

 80E9FF

 62CDE2

 41B1C6

 1396AB

 007C90

 006377

 004B5E

 003446

 002030

 00011B

 80E9FF

 80E9FF

 67E5FF

 9AEDFF

 4DE0FF

 B3F2FF

 33DCFF

 CDF6FF

 1AD7FF

 E6FBFF

 00D3FF

 FFFFFFFF

Harmonies

Analogous

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



87EBE2



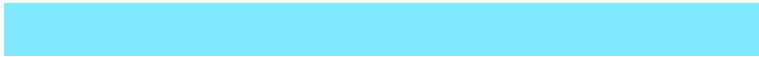
80E9FF



98E3FF

Triad

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



80E9FF



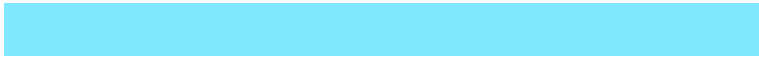
FFC7F0



E7DB9E

Complementary

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



80E9FF



FF9680

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.



FFD1A2



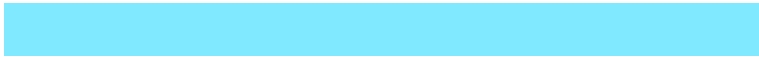
80E9FF



FFC4D2

Square

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



80E9FF



EACFFF



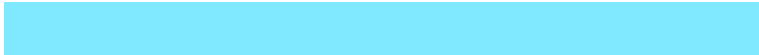
FFC8B5



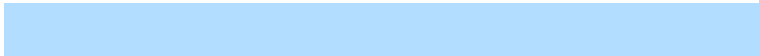
C5E4AA

Rectangle

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



80E9FF



B3DDFF



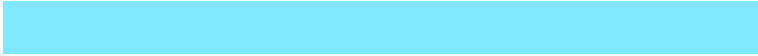
FFC8B5



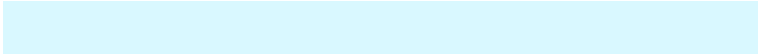
F1D89E

Sweetspot

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



80E9FF



D9F8FF



80FF95



697C80



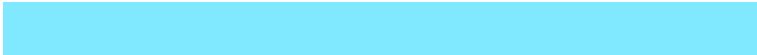
000000



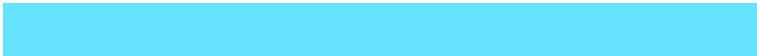
808080

Same Dimension

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



80E9FF



66E4FF



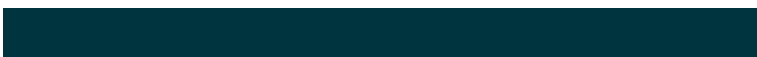
80AAFF



737D80



009EBF



003540

Inverse Universe

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



FF80E9



FF66E4



FFD580



80737D



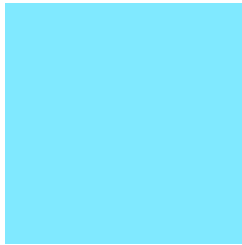
BF009E



400035

Previews

White Background



This preview shows how the Hex color 80E9FF looks on a white background.

Color Contrast Check

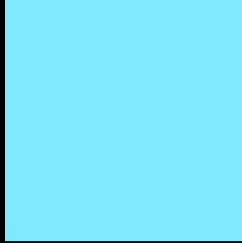
Large Text (above 18pt) WCAG AA × Fail

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 80E9FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

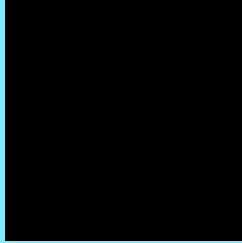
Any Text WCAG AA ✓ Pass

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 80E9FF Background



This preview shows how black text looks on a background with the Hex color 80E9FF.

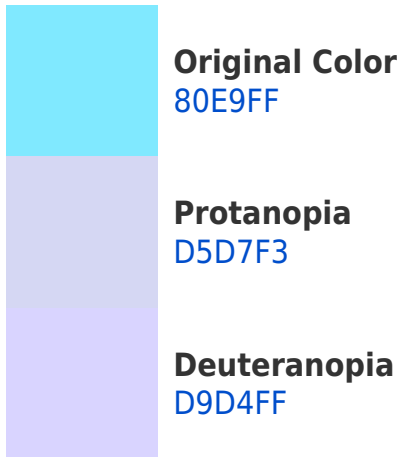


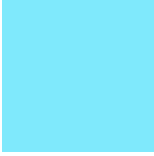
This preview shows how white text looks on a background with the Hex color 80E9FF.

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](#).

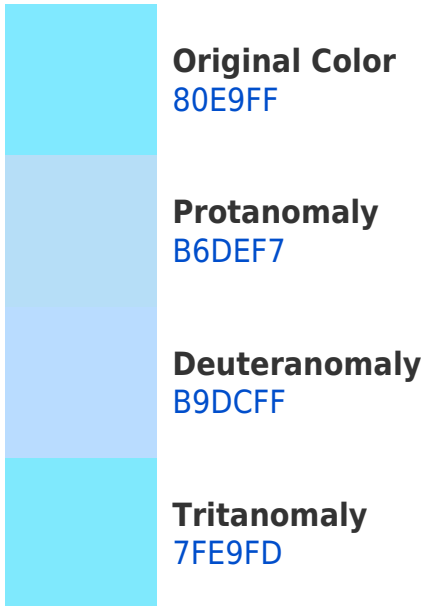
Dichromacy



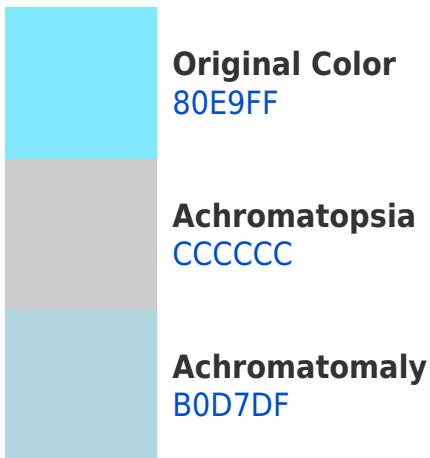


Tritanopia
7FE9FC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80E9FF 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 #80E9FF looks like.

```
.text, #text, p{  
    color:#80E9FF  
}
```

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 #80E9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80E9FF
}
```

Border

The CSS property to change the border of an element to Hex 80E9FF 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
#80E9FF }
```

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

```
.border{ border-color:#80E9FF }
```

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

Here you see how a box with a 4 pixel #80E9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80E9FF; -webkit-box-shadow:4px 4px  
4px 4px #80E9FF; box-shadow:4px 4px 4px  
4px #80E9FF }
```

Background

The CSS property to change the background color of an element to Hex 80E9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80E9FF }
```

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

```
.background{ background-color:#80E9FF }
```

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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