

Converting Colors

Hex(80EFFF)

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

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Color

Hex(80EFFF)

Conversions

Conversions Part 1

Format	Color
Hex	80EFFF
RGB	128, 239, 255
RGB Percent	50%, 94%, 100%
CMY	0.4980, 0.0627, 0.0000
CMYK	0.50, 0.06, 0.00, 0.00
HSL	188°, 100%, 75%
HSV	188°, 50%, 100%
XYZ	57.8186, 73.5422, 105.7554
YIQ	207.6350, -71.2920, -18.5560

Conversions

Conversions Part 2

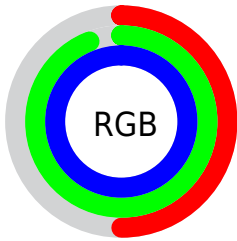
Format	Color
R_{YB}	128, 187, 255
Decimal	8450047
CIE _{Lab}	88.71, -27.66, -17.54
CIE _{LCh}	89, 32.754, 212.377
Yxy	73.5422, 0.2438, 0.3102
Android (android.graphics.Color)	4286640127 (0xFF80EFFF)
YUV	207.6350, 23.3509, -69.8399
Hunter-Lab	85.7567, -29.7267, -13.0869

Details

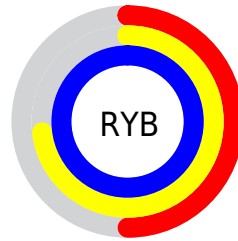
The Hex color **80EFFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF9080**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **BCFFFF**, and **40B7C6** is the 20% darker color. If you saturate the color by 10%, you get **67ECFF**, and if you desaturate by 10%, it is **9AF2FF**.

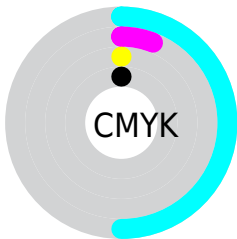
Distribution



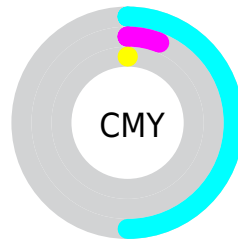
- Red (50%)
- Green (94%)
- Blue (100%)



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



- Cyan (50%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 80EFFF

 80EFFF

FFFFFF

 61D3E2

 BCFFFF

 40B7C6

 DAFFFF

 109CAB

 F8FFFF

 008190

 006877

 004F5E

 003846

 002330

 00011C

 80EFFF

 80EFFF

 67ECFF

 9AF2FF

 4DE9FF

 B3F5FF

 33E5FF

 CDF9FF

 1AE2FF

 E6FCFF

 00DFFF

 FFFFFFFF

Harmonies

Analogous

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



8EF0E0



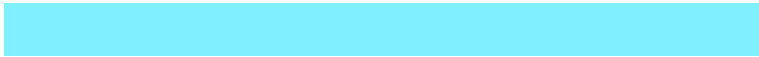
80EFFF



92EAFF

Triad

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



80EFFF



FFCCFC



F3DDA0

Complementary

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



80EFFF



FF9080

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.



FFD3A8



80EFFF



FFC8DD

Square

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



80EFFF



E7D6FF



FFCBBF



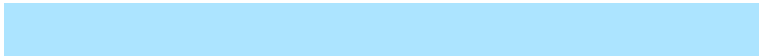
D1E7A9

Rectangle

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



80EFFF



ACE4FF



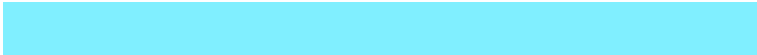
FFCBBF



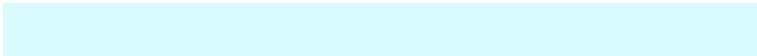
FDDAA1

Sweetspot

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



80EFFF



D9FAFF



80FF8F



697D80



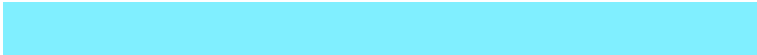
000000



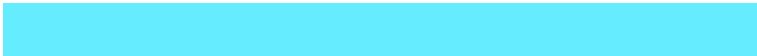
808080

Same Dimension

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



80EFFF



66ECFF



80B1FF



737E80



00A7BF



003840

Inverse Universe

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



FF80EF



FF66EC



FFCE80



80737E



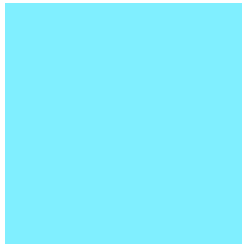
BF00A7



400038

Previews

White Background



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

Color Contrast Check

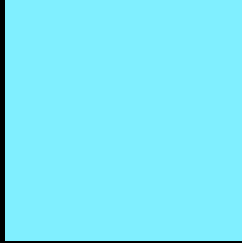
Large Text (above 18pt) WCAG AA × Fail

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 80EFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

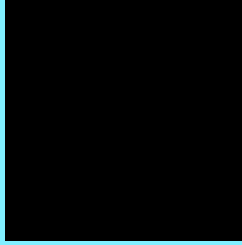
Any Text WCAG AA ✓ Pass

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 80EFFF Background



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

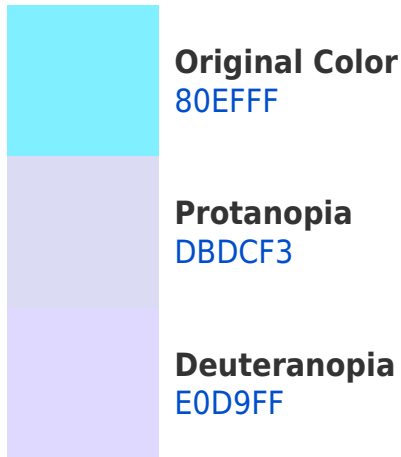


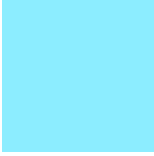
This preview shows how white text looks on a background with the Hex color 80EFFF.

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](#).

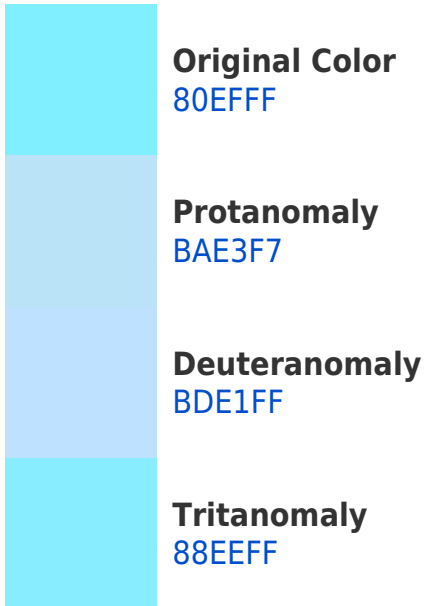
Dichromacy



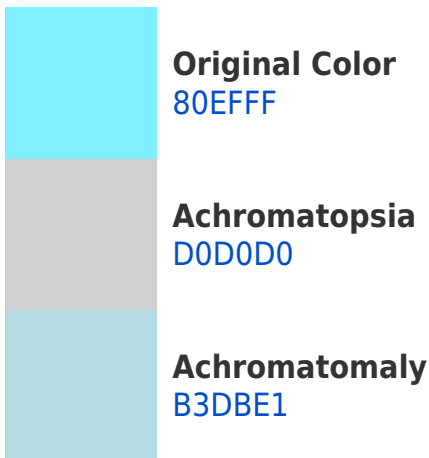


Tritanopia
8CEDFF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #80EFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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