

Converting Colors

Hex(80FFE6)

Have a look what the booklet for
Hex(80FFE6) contains.

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Color

Hex(80FFE6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 80FFE6 |
| RGB | 128, 255, 230 |
| RGB Percent | 50%, 100%, 90% |
| CMY | 0.4980, 0.0000, 0.0980 |
| CMYK | 0.50, 0.00, 0.10, 0.00 |
| HSL | 168°, 100%, 75% |
| HSV | 168°, 50%, 100% |
| XYZ | 58.9450, 81.8224, 87.5495 |
| YIQ | 214.1770, -67.6670, -34.6990 |

Conversions

Conversions Part 2

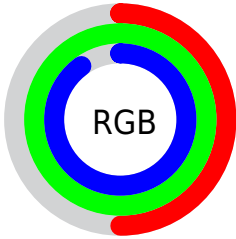
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 128, 198, 255 |
| Decimal | 8454118 |
| CIELab | 92.50, -41.27, 1.08 |
| CIELCh | 92, 41.282, 178.494 |
| Yxy | 81.8224, 0.2582, 0.3584 |
| Android (android.graphics.Color) | 4286644198 (0xFF80FFE6) |
| YUV | 214.1770, 7.8007, -75.5772 |
| Hunter-Lab | 90.4557, -41.9789, 5.9339 |

Details

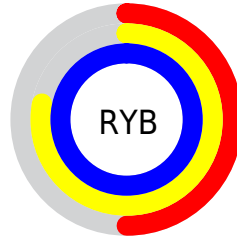
The Hex color **80FFE6** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF8099**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **BCFFFF**, and **40C6AF** is the 20% darker color. If you saturate the color by 10%, you get **67FFE1**, and if you desaturate by 10%, it is **9AFFEB**.

Distribution



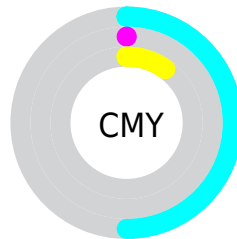
- Red (50%)
- Green (100%)
- Blue (90%)



- Red (50%)
- Yellow (78%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (50%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80FFE6 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 80FFE6 by changing the saturation by 10% instead.

 80FFE6

 80FFE6


FFFFFF

 61E2CA

 BCFFFF

 40C6AF

 DAFFFF

 11AA94

 F8FFFF

 008F7A

 007561

 005B4A

 004333

 002C1E

 001006

 80FFE6

 80FFE6

 67FFE1

 9AFFEB

 4DFFDC

 B3FFF0

 33FFD7

 CDFFF5

 1AFFD2

 E6FFFA

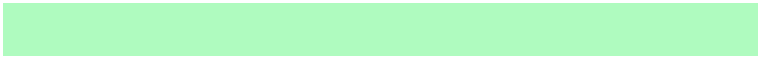
 00FFCD

FFFFFF

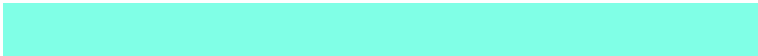
Harmonies

Analogous

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



AFFBBF



80FFE6



61FEFF

Triad

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



80FFE6



ECE0FF



FFD9A7

Complementary

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



80FFE6



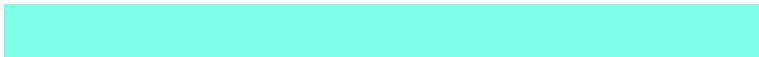
FF8099

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.



FFCEC6



80FFE6



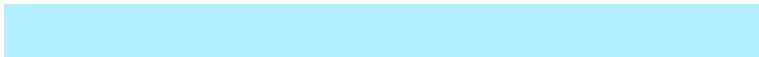
FFD3FF

Square

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



80FFE6



B1EEFF



FFCED



FFE69A

Rectangle

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



80FFE6



69FBFF



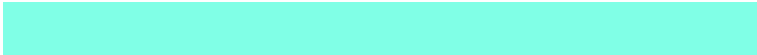
FFCCED



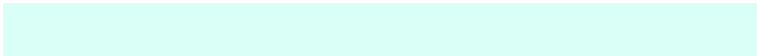
FFD5B0

Sweetspot

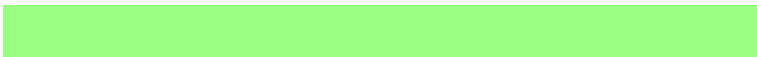
The Sweet Spot groups the original color and five complimentary colors.



80FFE6



D9FFF7



99FF80



69807B



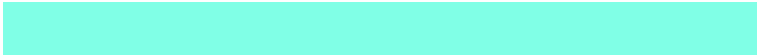
000000



808080

Same Dimension

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



80FFE6



66FFE1



80D9FF



73807D



00BF9A



004033

Inverse Universe

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



FF8099



FF6684



FFA680



807375



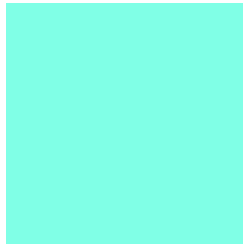
BF0026



40000D

Previews

White Background



This preview shows how the Hex color 80FFE6 looks on a white background.

Color Contrast Check

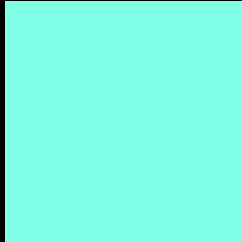
Large Text (above 18pt) WCAG AA × Fail

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 80FFE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

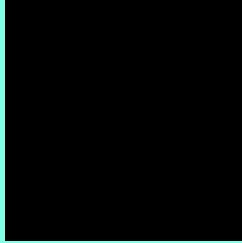
Any Text WCAG AA ✓ Pass

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 80FFE6 Background



This preview shows how black text looks on a background with the Hex color 80FFE6.

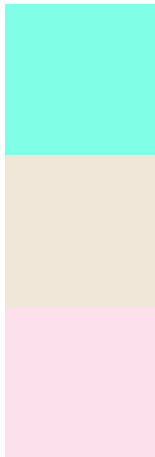


This preview shows how white text looks on a background with the Hex color 80FFE6.

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](#).

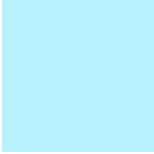
Dichromacy



Original Color
80FFE6

Protanopia
F0E7D9

Deuteranopia
FCE1EC



Tritanopia
B8F2FF

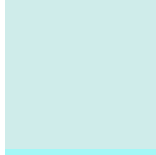
Trichromacy



Original Color
80FFE6



Protanomaly
C7F0DE



Deuteranomaly
CFECEA

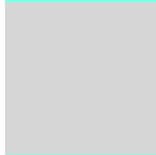


Tritanomaly
A4F7F6

Monochromacy



Original Color
80FFE6



Achromatopsia
D6D6D6



Achromatomaly
B7E5DC

CSS Examples

Text

The CSS property to change the color of the text to Hex 80FFE6 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 #80FFE6 looks like.

```
.text, #text, p{  
    color:#80FFE6  
}
```

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 #80FFE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80FFE6  
}
```

Border

The CSS property to change the border of an element to Hex 80FFE6 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  
#80FFE6 }
```

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

```
.border{ border-color:#80FFE6 }
```

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

Here you see how a box with a 4 pixel #80FFE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80FFE6; -webkit-box-shadow:4px 4px  
4px 4px #80FFE6; box-shadow:4px 4px 4px  
4px #80FFE6 }
```

Background

The CSS property to change the background color of an element to Hex 80FFE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80FFE6 }
```

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

```
.background{ background-color:#80FFE6 }
```

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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