

Converting Colors

Hex(80FAE4)

Have a look what the booklet for
Hex(80FAE4) contains.

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Color

Hex(80FAE4)

Conversions

Conversions Part 1

Format	Color
Hex	80FAE4
RGB	128, 250, 228
RGB Percent	50%, 98%, 89%
CMY	0.4980, 0.0196, 0.1059
CMYK	0.49, 0.00, 0.09, 0.02
HSL	169°, 92%, 74%
HSV	169°, 49%, 98%
XYZ	57.0913, 78.5618, 85.5537
YIQ	211.0140, -65.6500, -32.7060

Conversions

Conversions Part 2

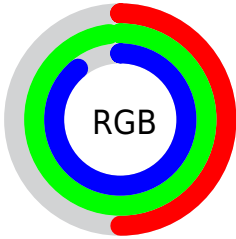
Format	Color
R_{YB}	128, 195, 250
Decimal	8452836
CIE _{Lab}	91.04, -39.49, -0.01
CIE _{LCh}	91, 39.489, 180.014
Yxy	78.5618, 0.2581, 0.3552
Android (android.graphics.Color)	4286642916 (0xFF80FAE4)
YUV	211.0140, 8.3741, -72.8033
Hunter-Lab	88.6351, -40.1368, 4.8158

Details

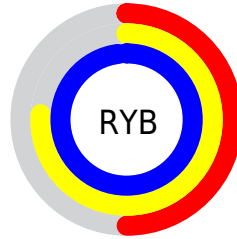
The Hex color **80FAE4** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FA8096**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **BBFFFF**, and **41C1AD** is the 20% darker color. If you saturate the color by 10%, you get **67FADF**, and if you desaturate by 10%, it is **99FAE9**.

Distribution



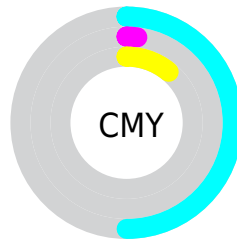
- Red (50%)
- Green (98%)
- Blue (89%)



- Red (50%)
- Yellow (76%)
- Blue (98%)



- Cyan (49%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)



- Cyan (50%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80FAE4 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 80FAE4 by changing the saturation by 10% instead.

 80FAE4

FFFFFF

 BBFFFF

 D9FFFF

 F8FFFF

 80FAE4

 62DDC8

 41C1AD

 16A592

 008B78

 007160

 005748

 003F32

 00291D

 000704

 80FAE4

 80FAE4

 67FADF

 99FAE9

 4EFADB

 B2FAED

 35FAD6

 CBFAF2

 1CFAD2

 E4FAF6

 03FACD

 FDFAFB

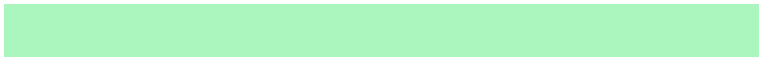
 00FACD

 FFFAFF

Harmonies

Analogous

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



ABF6BE



80FAE4



67F9FF

Triad

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



80FAE4



EADCFE



FFD6A5

Complementary

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



80FAE4



FA8096

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.



FFCC1



80FAE4



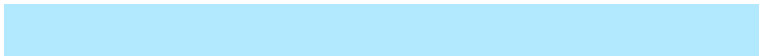
FFCFFF

Square

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



80FAE4



B3E9FF



FFC9E7



FFE399

Rectangle

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



80FAE4



70F6FF



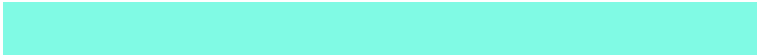
FFC9E7



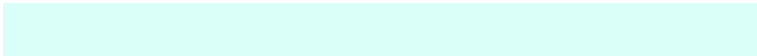
FFD2AD

Sweetspot

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



80FAE4



D9FFF8



96FA80



69807B



000000



808080

Same Dimension

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



80FAE4



69FFE4



80D3FA



707D7B



00BD9B



003D32

Inverse Universe

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



FA8096



FF6984



FAA780



7D7073



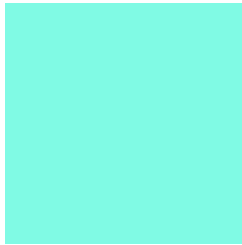
BD0022



3D000B

Previews

White Background



This preview shows how the Hex color 80FAE4 looks on a white background.

Color Contrast Check

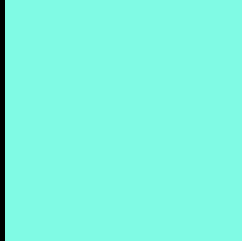
Large Text (above 18pt) WCAG AA × Fail

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 80FAE4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

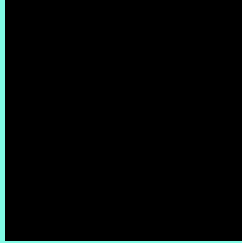
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

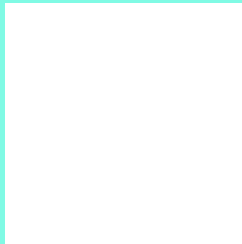
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 80FAE4 Background



This preview shows how black text looks on a background with the Hex color 80FAE4.

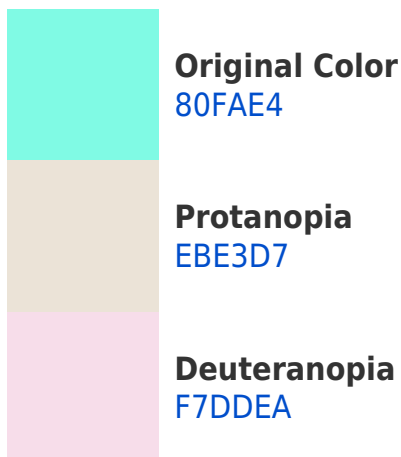


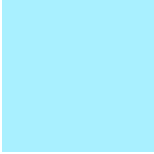
This preview shows how white text looks on a background with the Hex color 80FAE4.

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
A9F0FF

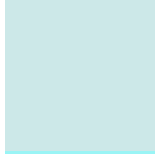
Trichromacy



Original Color
80FAE4



Protanomaly
C4EBDC



Deuteranomaly
CCE8E8

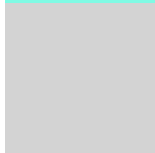


Tritanomaly
9AF4F5

Monochromacy



Original Color
80FAE4



Achromatopsia
D3D3D3



Achromatomaly
B5E1D9

CSS Examples

Text

The CSS property to change the color of the text to Hex 80FAE4 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 #80FAE4 looks like.

```
.text, #text, p{  
    color:#80FAE4  
}
```

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 #80FAE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80FAE4
}
```

Border

The CSS property to change the border of an element to Hex 80FAE4 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
#80FAE4 }
```

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

```
.border{ border-color:#80FAE4 }
```

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

Here you see how a box with a 4 pixel #80FAE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80FAE4; -webkit-box-shadow:4px 4px  
4px 4px #80FAE4; box-shadow:4px 4px 4px  
4px #80FAE4 }
```

Background

The CSS property to change the background color of an element to Hex 80FAE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80FAE4 }
```

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

```
.background{ background-color:#80FAE4 }
```

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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