

Converting Colors

Hex(86FFE5)

Have a look what the booklet for
Hex(86FFE5) contains.

Hex(86FFE5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(86FFE5)

Conversions

Conversions Part 1

Format	Color
Hex	86FFE5
RGB	134, 255, 229
RGB Percent	53%, 100%, 90%
CMY	0.4745, 0.0000, 0.1020
CMYK	0.47, 0.00, 0.10, 0.00
HSL	167°, 100%, 76%
HSV	167°, 47%, 100%
XYZ	59.7344, 82.2455, 86.8554
YIQ	215.8570, -63.7700, -33.7380

Conversions

Conversions Part 2

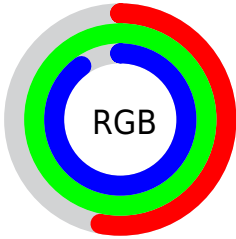
Format	Color
RYB	134, 202, 255
Decimal	8847333
CIELab	92.68, -40.18, 1.90
CIELCh	93, 40.222, 177.293
Yxy	82.2455, 0.2610, 0.3594
Android (android.graphics.Color)	4287037413 (0xFF86FFE5)
YUV	215.8570, 6.4795, -71.7886
Hunter-Lab	90.6893, -41.1336, 6.6990

Details

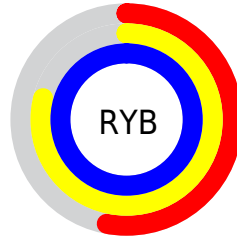
The Hex color **86FFE5** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF86A0**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **C1FFFF**, and **49C6AE** is the 20% darker color. If you saturate the color by 10%, you get **6DFFE0**, and if you desaturate by 10%, it is **A0FFEA**.

Distribution



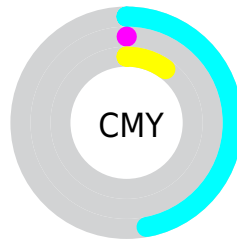
- Red (53%)
- Green (100%)
- Blue (90%)



- Red (53%)
- Yellow (79%)
- Blue (100%)



- Cyan (47%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (47%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86FFE5 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 86FFE5 by changing the saturation by 10% instead.

 86FFE5

 86FFE5

FFFFFF

 68E2C9

 C1FFFF

 49C6AE

 DFFFFF

 22AA93

FDFFFF

 008F79

 007561

 005B49

 004332

 002C1D

 001105

 86FFE5

 86FFE5

 6DFFE0

 A0FFEA

 53FFDA


 B9FFF0

 3AFFD5

 D3FFF5

 20FFCF

 ECFFFB

 07FFCA

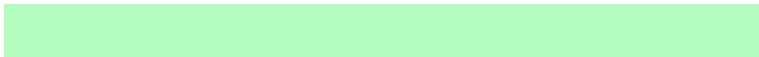
FFFFFF

 00FFC8

Harmonies

Analogous

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



B3FBBF



86FFE5



69FEFF

Triad

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



86FFE5



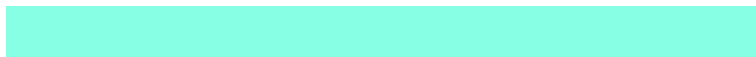
EAE1FF



FFD9AA

Complementary

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



86FFE5



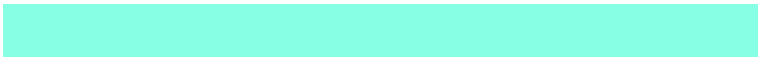
FF86A0

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.



FFCFC8



86FFE5



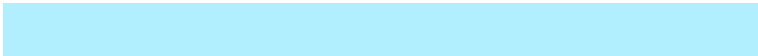
FFD4FF

Square

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



86FFE5



B1EFFF



FFCDEF



FFE69D

Rectangle

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



86FFE5



6FFBFF



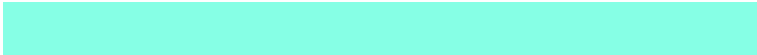
FFCDEF



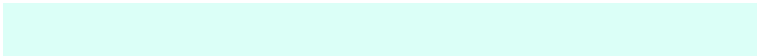
FFD5B3

Sweetspot

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



86FFE5



DBFFF7



A0FF86



6A807B



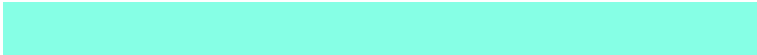
000000



808080

Same Dimension

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



86FFE5



6EFFE0



86DDFF



73807D



00BF96



004032

Inverse Universe

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



FF86A0



FF6E8D



FFA886



807375



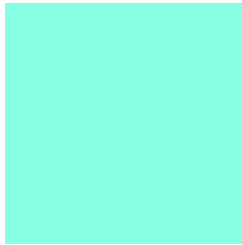
BF0029



40000E

Previews

White Background



This preview shows how the Hex color 86FFE5 looks on a white background.

Color Contrast Check

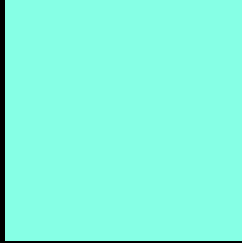
Large Text (above 18pt) WCAG AA × Fail

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 86FFE5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

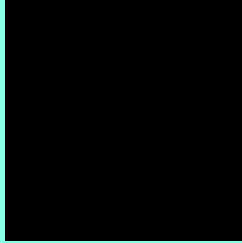
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

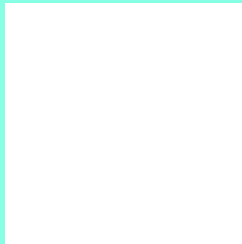
Any Text WCAG AAA ✓ Pass

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

Hex 86FFE5 Background



This preview shows how black text looks on a background with the Hex color 86FFE5.

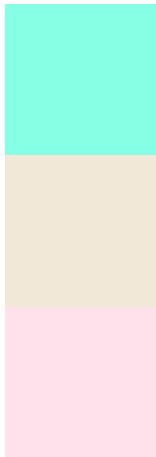


This preview shows how white text looks on a background with the Hex color 86FFE5.

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](#).

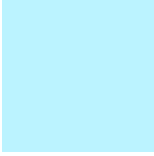
Dichromacy



Original Color
86FFE5

Protanopia
F1E8D8

Deuteranopia
FEE1EB

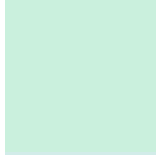


Tritanopia
BBF3FF

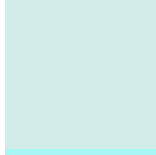
Trichromacy



Original Color
86FFE5



Protanomaly
CAF0DD



Deuteranomaly
D2ECE9

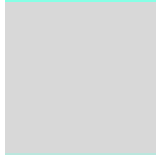


Tritanomaly
A8F7F6

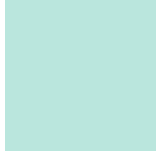
Monochromacy



Original Color
86FFE5



Achromatopsia
D8D8D8



Achromatomaly
BAE6DD

CSS Examples

Text

The CSS property to change the color of the text to Hex 86FFE5 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 #86FFE5 looks like.

```
.text, #text, p{  
    color:#86FFE5  
}
```

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 #86FFE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86FFE5
}
```

Border

The CSS property to change the border of an element to Hex 86FFE5 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
#86FFE5 }
```

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

```
.border{ border-color:#86FFE5 }
```

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

Here you see how a box with a 4 pixel #86FFE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86FFE5; -webkit-box-shadow:4px 4px  
4px 4px #86FFE5; box-shadow:4px 4px 4px  
4px #86FFE5 }
```

Background

The CSS property to change the background color of an element to Hex 86FFE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86FFE5 }
```

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

```
.background{ background-color:#86FFE5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor