

Converting Colors

Hex(86E1F6)

Have a look what the booklet for
Hex(86E1F6) contains.

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Color

Hex(86E1F6)

Conversions

Conversions Part 1

Format	Color
Hex	86E1F6
RGB	134, 225, 246
RGB Percent	53%, 88%, 96%
CMY	0.4745, 0.1176, 0.0353
CMYK	0.46, 0.09, 0.00, 0.04
HSL	191°, 86%, 75%
HSV	191°, 46%, 96%
XYZ	53.3913, 65.5726, 97.0315
YIQ	200.1850, -60.9770, -12.7610

Conversions

Conversions Part 2

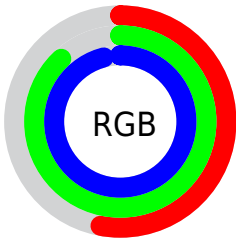
Format	Color
RYB	134, 184, 246
Decimal	8839670
CIELab	84.78, -21.83, -18.71
CIElCh	85, 28.753, 220.591
Yxy	65.5726, 0.2472, 0.3036
Android (android.graphics.Color)	4287029750 (0xFF86E1F6)
YUV	200.1850, 22.5868, -58.0442
Hunter-Lab	80.9769, -24.0174, -14.3611

Details

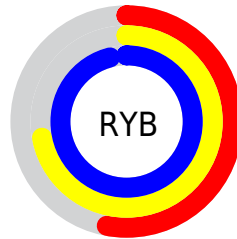
The Hex color **86E1F6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F69B86**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **C0FFFF**, and **4BAABE** is the 20% darker color. If you saturate the color by 10%, you get **6DDCF6**, and if you desaturate by 10%, it is **9FE6F6**.

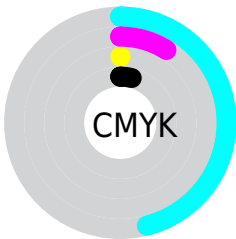
Distribution



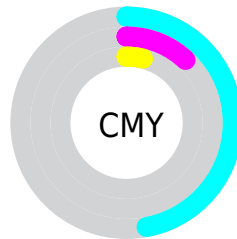
- Red (53%)
- Green (88%)
- Blue (96%)



- Red (53%)
- Yellow (72%)
- Blue (96%)



- Cyan (46%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (47%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86E1F6 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 86E1F6 by changing the saturation by 10% instead.

 86E1F6

 86E1F6

FFFFFF

 69C5DA

 C0FFFF

 4BAABE

 DEFFFF

 288FA3

 FCFFFF

 007588

 005C6F

 004456

 002E3F

 001B29

 000114

 86E1F6

 86E1F6

 6DDCF6

 9FE6F6

 55D8F6

 B7EAF6

 3CD3F6

 D0EFF6

 24CFF6

 E8F3F6

 0BCAF6

 FFF8F6

 00C8F6

 FFFDF6

 FFFFF6

Harmonies

Analogous

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



8AE3DD



86E1F6



9CDBFF

Triad

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



86E1F6



FFC2E6



DED59E

Complementary

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



86E1F6



F69B86

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.



F7CCA1



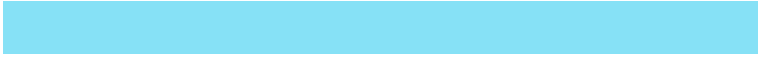
86E1F6



FFC0CB

Square

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



86E1F6



E4C9FD



FFC4B2



BFDDAA

Rectangle

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



86E1F6



B3D6FF



FFC4B2



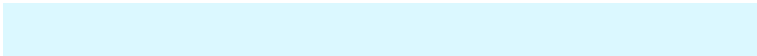
E7D29D

Sweetspot

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



86E1F6



DBF8FF



86F69B



6A7B80



000000



808080

Same Dimension

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



86E1F6



73E5FF



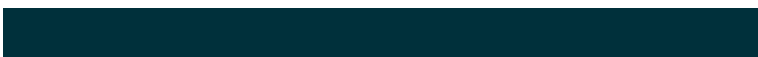
86A9F6



6E787A



0097BA



00303B

Inverse Universe

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



F686E1



FF73E5



F6D386



7A6E78



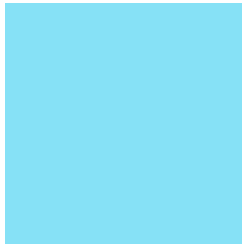
BA0097



3B0030

Previews

White Background



This preview shows how the Hex color 86E1F6 looks on a white background.

Color Contrast Check

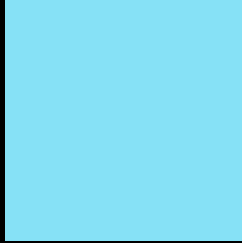
Large Text (above 18pt) WCAG AA × Fail

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 86E1F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

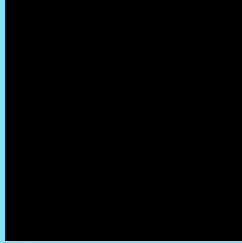
Any Text WCAG AA ✓ Pass

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 86E1F6 Background



This preview shows how black text looks on a background with the Hex color 86E1F6.

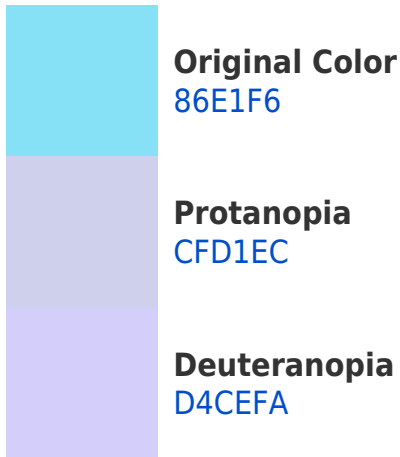


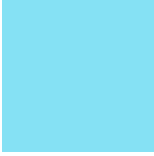
This preview shows how white text looks on a background with the Hex color 86E1F6.

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](#).

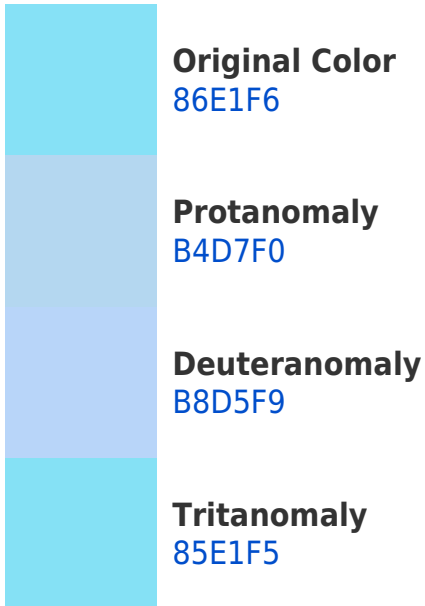
Dichromacy



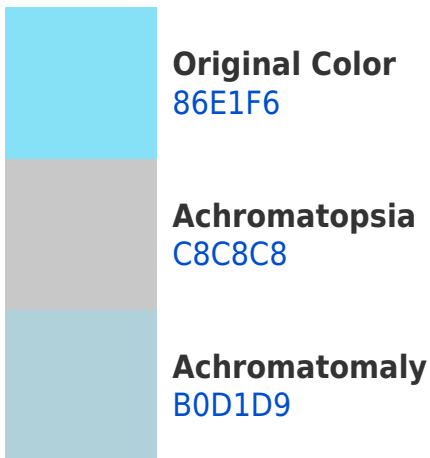


Tritanopia
85E1F4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86E1F6 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 #86E1F6 looks like.

```
.text, #text, p{  
    color:#86E1F6  
}
```

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 #86E1F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86E1F6
}
```

Border

The CSS property to change the border of an element to Hex 86E1F6 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
#86E1F6 }
```

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

```
.border{ border-color:#86E1F6 }
```

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

Here you see how a box with a 4 pixel #86E1F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86E1F6; -webkit-box-shadow:4px 4px  
4px 4px #86E1F6; box-shadow:4px 4px 4px  
4px #86E1F6 }
```

Background

The CSS property to change the background color of an element to Hex 86E1F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86E1F6 }
```

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

```
.background{ background-color:#86E1F6 }
```

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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