

Converting Colors

Hex(81F0F2)

Have a look what the booklet for
Hex(81F0F2) contains.

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Color

Hex(81F0F2)

Conversions

Conversions Part 1

Format	Color
Hex	81F0F2
RGB	129, 240, 242
RGB Percent	51%, 94%, 95%
CMY	0.4941, 0.0588, 0.0510
CMYK	0.47, 0.01, 0.00, 0.05
HSL	181°, 81%, 73%
HSV	181°, 47%, 95%
XYZ	56.2404, 73.3981, 95.2075
YIQ	207.0390, -66.7980, -22.9100

Conversions

Conversions Part 2

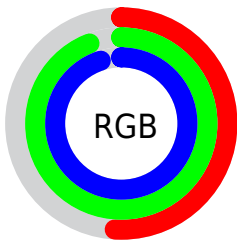
Format	Color
RYB	129, 185, 242
Decimal	8515826
CIELab	88.64, -31.26, -10.84
CIELCh	89, 33.084, 199.127
Yxy	73.3981, 0.2501, 0.3264
Android (android.graphics.Color)	4286705906 (0xFF81F0F2)
YUV	207.0390, 17.2358, -68.4402
Hunter-Lab	85.6727, -32.7498, -5.9177

Details

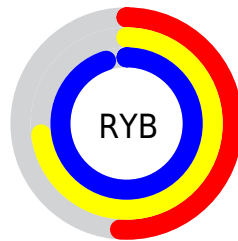
The Hex color **81F0F2** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F28381**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **BCFFFF**, and **43B8BA** is the 20% darker color. If you saturate the color by 10%, you get **69F0F2**, and if you desaturate by 10%, it is **99F0F2**.

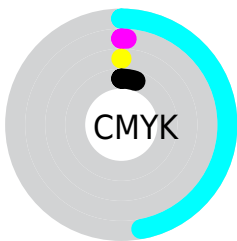
Distribution



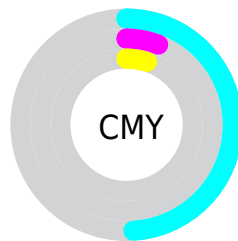
- Red (51%)
- Green (94%)
- Blue (95%)



- Red (51%)
- Yellow (73%)
- Blue (95%)



- Cyan (47%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (49%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81F0F2 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 81F0F2 by changing the saturation by 10% instead.

 81F0F2

 81F0F2

FFFFFF

 63D3D6

 BCFFFF

 43B8BA

 DAFFFF

 199C9F

 F8FFFF

 008285

 00686C

 005053

 00383C

 002427

 000112

 81F0F2

 81F0F2

 69F0F2

 99F0F2

 51EFF2

 B1F1F2

 38EFF2

 CAF1F2

 20EEF2

 E2F2F2

 08EEF2

 FAF2F2

 00EEF2

 FFF3F2

 FFF4F2

Harmonies

Analogous

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



99EFD2



81F0F2



85ECFF

Triad

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



81F0F2



FCD0FF



FFD9A1

Complementary

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



81F0F2



F28381

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.



FFCEB0



81F0F2



FFC8EB

Square

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



81F0F2



D4DAFF



FFC8CB



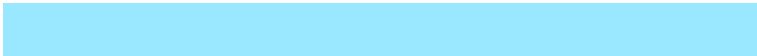
E0E3A2

Rectangle

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



81F0F2



99E8FF



FFC8CB



FFD5A4

Sweetspot

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



81F0F2



DBFEFF



81F283



6A7F80



000000



808080

Same Dimension

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



81F0F2



70FCFF



81B8F2



6C7878



00B4B8



003738

Inverse Universe

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



F281F0



FF70FC



F2BB81



786C78



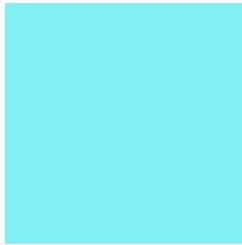
B800B4



380037

Previews

White Background



This preview shows how the Hex color 81F0F2 looks on a white background.

Color Contrast Check

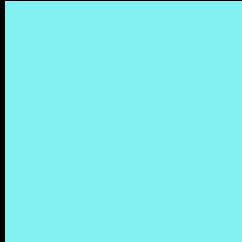
Large Text (above 18pt) WCAG AA × Fail

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 81F0F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

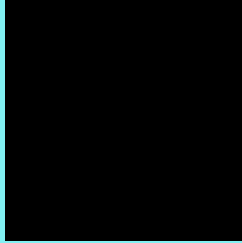
Any Text WCAG AA ✓ Pass

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 81F0F2 Background



This preview shows how black text looks on a background with the Hex color 81F0F2.

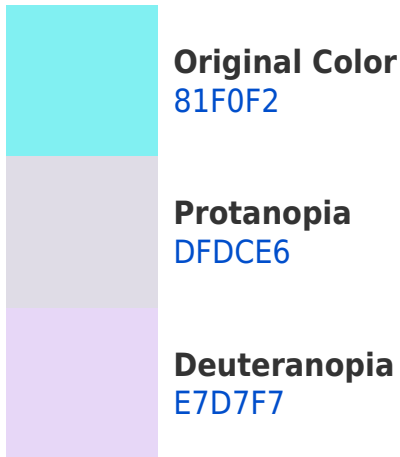


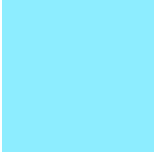
This preview shows how white text looks on a background with the Hex color 81F0F2.

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



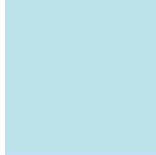


Tritanopia
8DEDFE

Trichromacy



Original Color
81F0F2



Protanomaly
BDE3EA



Deuteranomaly
C2E0F5

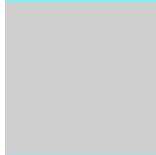


Tritanomaly
89EEFA

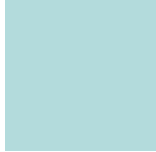
Monochromacy



Original Color
81F0F2



Achromatopsia
CFCFCF



Achromatomaly
B3DBDC

CSS Examples

Text

The CSS property to change the color of the text to Hex 81F0F2 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 #81F0F2 looks like.

```
.text, #text, p{  
    color:#81F0F2  
}
```

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 #81F0F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81F0F2
}
```

Border

The CSS property to change the border of an element to Hex 81F0F2 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
#81F0F2 }
```

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

```
.border{ border-color:#81F0F2 }
```

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

Here you see how a box with a 4 pixel #81F0F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81F0F2; -webkit-box-shadow:4px 4px  
4px 4px #81F0F2; box-shadow:4px 4px 4px  
4px #81F0F2 }
```

Background

The CSS property to change the background color of an element to Hex 81F0F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81F0F2 }
```

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

```
.background{ background-color:#81F0F2 }
```

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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