

Converting Colors

Hex(83FFC2)

Have a look what the booklet for
Hex(83FFC2) contains.

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Color

Hex(83FFC2)

Conversions

Conversions Part 1

Format	Color
Hex	83FFC2
RGB	131, 255, 194
RGB Percent	51%, 100%, 76%
CMY	0.4863, 0.0000, 0.2392
CMYK	0.49, 0.00, 0.24, 0.00
HSL	150°, 100%, 76%
HSV	150°, 49%, 100%
XYZ	54.8577, 80.2403, 63.6356
YIQ	210.9700, -54.3230, -45.2590

Conversions

Conversions Part 2

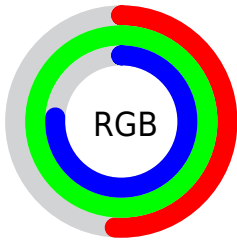
Format	Color
RYB	131, 213, 255
Decimal	8650690
CIELab	91.79, -48.33, 18.63
CIELCh	92, 51.794, 158.914
Yxy	80.2403, 0.2760, 0.4038
Android (android.graphics.Color)	4286840770 (0xFF83FFC2)
YUV	210.9700, -8.3662, -70.1337
Hunter-Lab	89.5770, -47.4448, 20.5842

Details

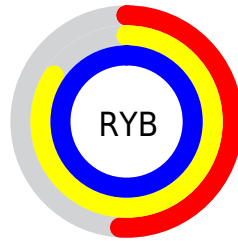
The Hex color **83FFC2** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF83C0**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **BEFFFB**, and **46C58C** is the 20% darker color. If you saturate the color by 10%, you get **6AFFB5**, and if you desaturate by 10%, it is **9CFFCF**.

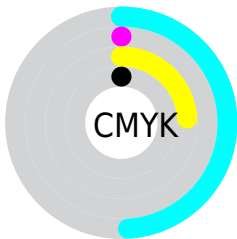
Distribution



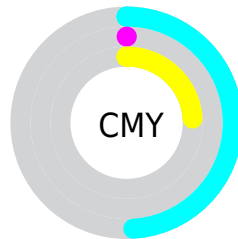
- Red (51%)
- Green (100%)
- Blue (76%)



- Red (51%)
- Yellow (84%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83FFC2 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 83FFC2 by changing the saturation by 10% instead.

 83FFC2

FFFFFF

 BEFFFB

 DCFFFF

 FAFFFF

 83FFC2

 65E2A7

 46C58C

 20AA73

 008F5A

 007442


 005B2C

 004216

 002C00

 000C00

 83FFC2

 83FFC2

 6AFFB5

 9CFFCF

 50FFA9

 B6FFDB

 37FF9C

 D0FFE8

 1DFF90

 E9FFF4

 04FF83

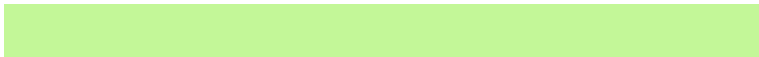
FFFFFF

 00FF82

Harmonies

Analogous

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



C3F798



83FFC2



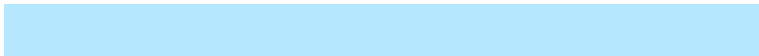
1FFFF5

Triad

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



83FFC2



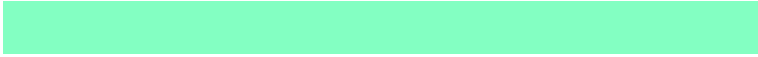
B5E7FF



FFC8AB

Complementary

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



83FFC2



FF83C0

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.



FFC0DA



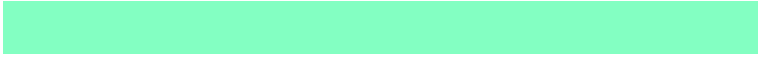
83FFC2



FFD5FF

Square

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



83FFC2



50F6FF



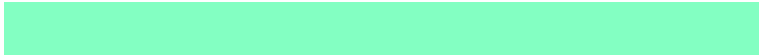
FFC5FF



FFD88B

Rectangle

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



83FFC2



00FFFF



FFC5FF



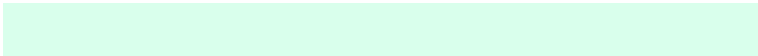
FFC4BA

Sweetspot

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



83FFC2



D9FFEC



C1FF83



698074



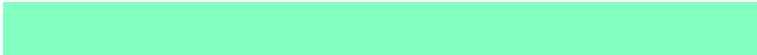
000000



808080

Same Dimension

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



83FFC2



6BFFB6



83FFFF



738079



00BF61



004020

Inverse Universe

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



FF83C0



FF6BB4



FF8383



807379



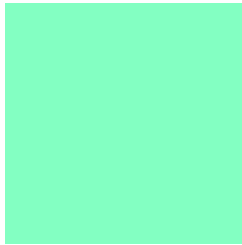
BF005E



40001F

Previews

White Background



This preview shows how the Hex color 83FFC2 looks on a white background.

Color Contrast Check

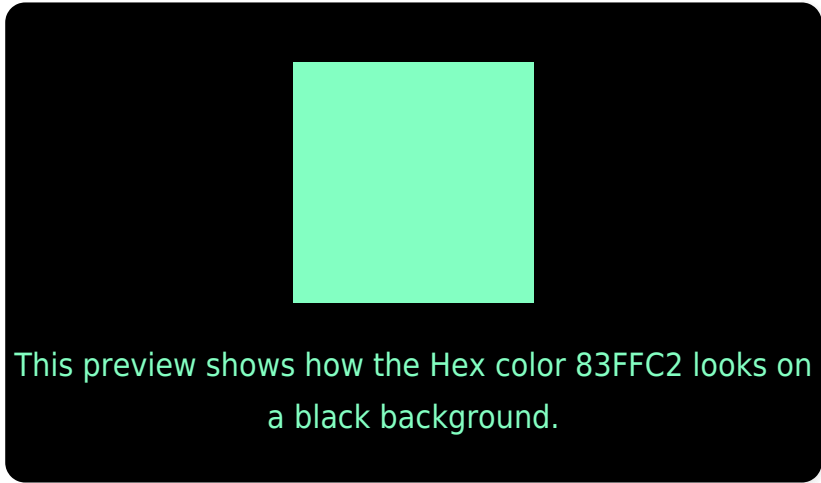
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

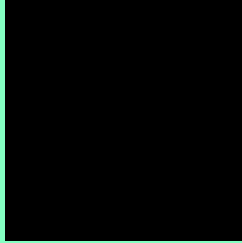
Any Text WCAG AA ✓ Pass

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 83FFC2 Background



This preview shows how black text looks on a background with the Hex color 83FFC2.



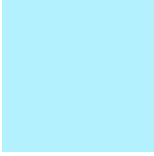
This preview shows how white text looks on a background with the Hex color 83FFC2.

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
B3F1FF

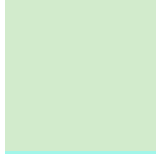
Trichromacy



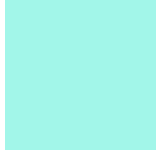
Original Color
83FFC2



Protanomaly
CCEFBA



Deuteranomaly
D2EBCC

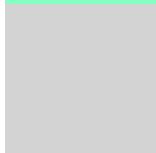


Tritanomaly
A2F6E9

Monochromacy



Original Color
83FFC2



Achromatopsia
D3D3D3



Achromatomaly
B6E3CD

CSS Examples

Text

The CSS property to change the color of the text to Hex 83FFC2 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 #83FFC2 looks like.

```
.text, #text, p{  
    color:#83FFC2  
}
```

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 #83FFC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83FFC2
}
```

Border

The CSS property to change the border of an element to Hex 83FFC2 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
#83FFC2 }
```

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

```
.border{ border-color:#83FFC2 }
```

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

Here you see how a box with a 4 pixel #83FFC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83FFC2; -webkit-box-shadow:4px 4px  
4px 4px #83FFC2; box-shadow:4px 4px 4px  
4px #83FFC2 }
```

Background

The CSS property to change the background color of an element to Hex 83FFC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83FFC2 }
```

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

```
.background{ background-color:#83FFC2 }
```

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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