

# Converting Colors

Hex(82FFC2)

Have a look what the booklet for  
Hex(82FFC2) contains.

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# Color

Hex(82FFC2)

# Conversions

## Conversions Part 1

Format	Color
Hex	82FFC2
RGB	130, 255, 194
RGB Percent	51%, 100%, 76%
CMY	0.4902, 0.0000, 0.2392
CMYK	0.49, 0.00, 0.24, 0.00
HSL	151°, 100%, 75%
HSV	151°, 49%, 100%
XYZ	54.7035, 80.1609, 63.6284
YIQ	210.6710, -54.9190, -45.4710

# Conversions

## Conversions Part 2

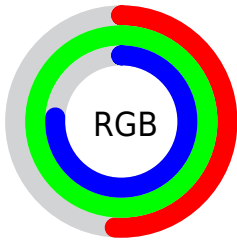
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 213, 255
Decimal	8585154
CIELab	91.76, -48.56, 18.58
CIELCh	92, 51.996, 159.065
Yxy	80.1609, 0.2756, 0.4038
Android (android.graphics.Color)	4286775234 (0xFF82FFC2)
YUV	210.6710, -8.2188, -70.7485
Hunter-Lab	89.5326, -47.6203, 20.5371

# Details

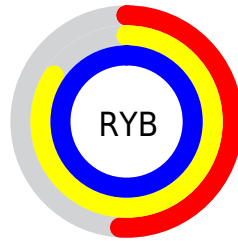
The Hex color **82FFC2** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF82BF**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **BDFFFB**, and **45C58C** is the 20% darker color. If you saturate the color by 10%, you get **69FFB6**, and if you desaturate by 10%, it is **9BFFCE**.

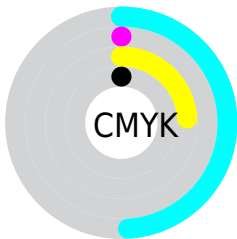
# Distribution



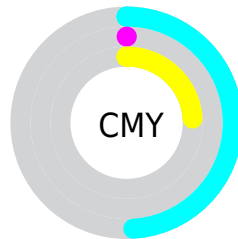
- Red (51%)
- Green (100%)
- Blue (76%)



- 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 82FFC2 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 82FFC2 by changing the saturation by 10% instead.



 82FFC2

FFFFFF

 BDFFFB

 DBFFFF

 F9FFFF

 82FFC2

 64E2A7


 45C58C

 1DAA73

 008F5A

 007442

 005B2C

 004216

 002C00

 000C00

 82FFC2

 82FFC2

 69FFB6

 9BFFCE

 4FFFA9

 B5FFDB

 35FF9D

 CFFFE7

 1CFF90

 E8FFF4

 02FF84

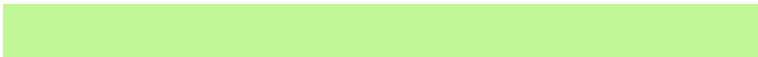
FFFFFF

 00FF83

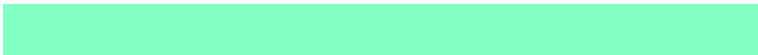
# Harmonies

## Analogous

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



C2F798



82FFC2



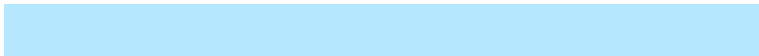
19FFF5

# Triad

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



82FFC2



B5E7FF



FFC8AB

# Complementary

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



82FFC2



FF82BF

# 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



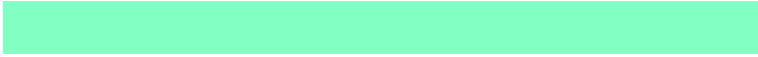
82FFC2



FFD5FF

# Square

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



82FFC2



4FF6FF



FFC5FF



FFD88A

# Rectangle

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



82FFC2



00FFFF



FFC5FF

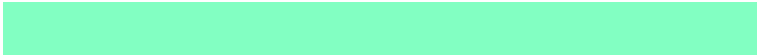


FFC4B9

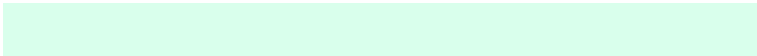


# Sweetspot

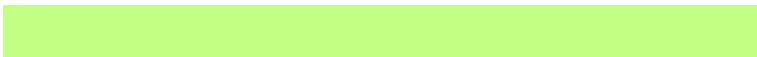
The Sweet Spot groups the original color and five complimentary colors.



82FFC2



D9FFEC



C1FF82



698074



000000

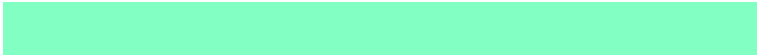


808080



# Same Dimension

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



82FFC2



69FFB6



82FFFF



738079



00BF62



004021



# Inverse Universe

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



FF82BF



FF69B2



FF8282



807379



BF005D

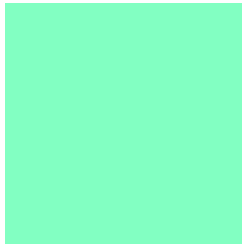


40001F



# Previews

## White Background



This preview shows how the Hex color 82FFC2 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

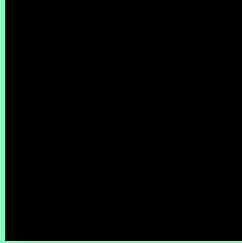
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82FFC2 Background



This preview shows how black text looks on a background with the Hex color 82FFC2.

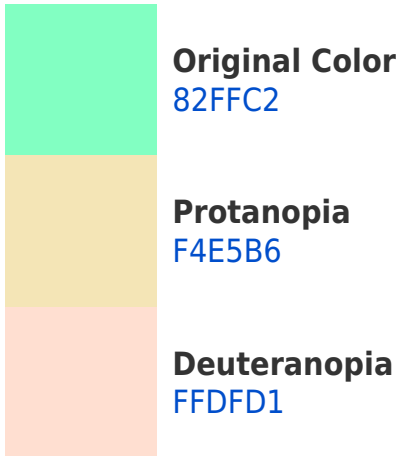


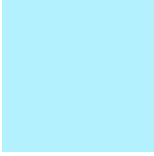
This preview shows how white text looks on a background with the Hex color 82FFC2.

# 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

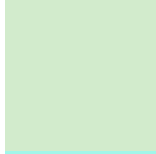
# Trichromacy



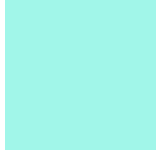
**Original Color**  
82FFC2



**Protanomaly**  
CBEEBA

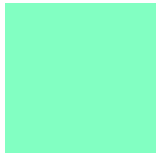


**Deuteranomaly**  
D2EBCC

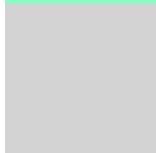


**Tritanomaly**  
A1F6E9

# Monochromacy



**Original Color**  
82FFC2



**Achromatopsia**  
D3D3D3



**Achromatomaly**  
B6E3CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82FFC2 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 #82FFC2 looks like.

```
.text, #text, p{  
    color:#82FFC2  
}
```

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 #82FFC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82FFC2
}
```

## Border

The CSS property to change the border of an element to Hex 82FFC2 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
#82FFC2 }
```

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

```
.border{ border-color:#82FFC2 }
```

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

Here you see how a box with a 4 pixel #82FFC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82FFC2; -webkit-box-shadow:4px 4px  
4px 4px #82FFC2; box-shadow:4px 4px 4px  
4px #82FFC2 }
```

# Background

The CSS property to change the background color of an element to Hex 82FFC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82FFC2 }
```

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

```
.background{ background-color:#82FFC2 }
```

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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